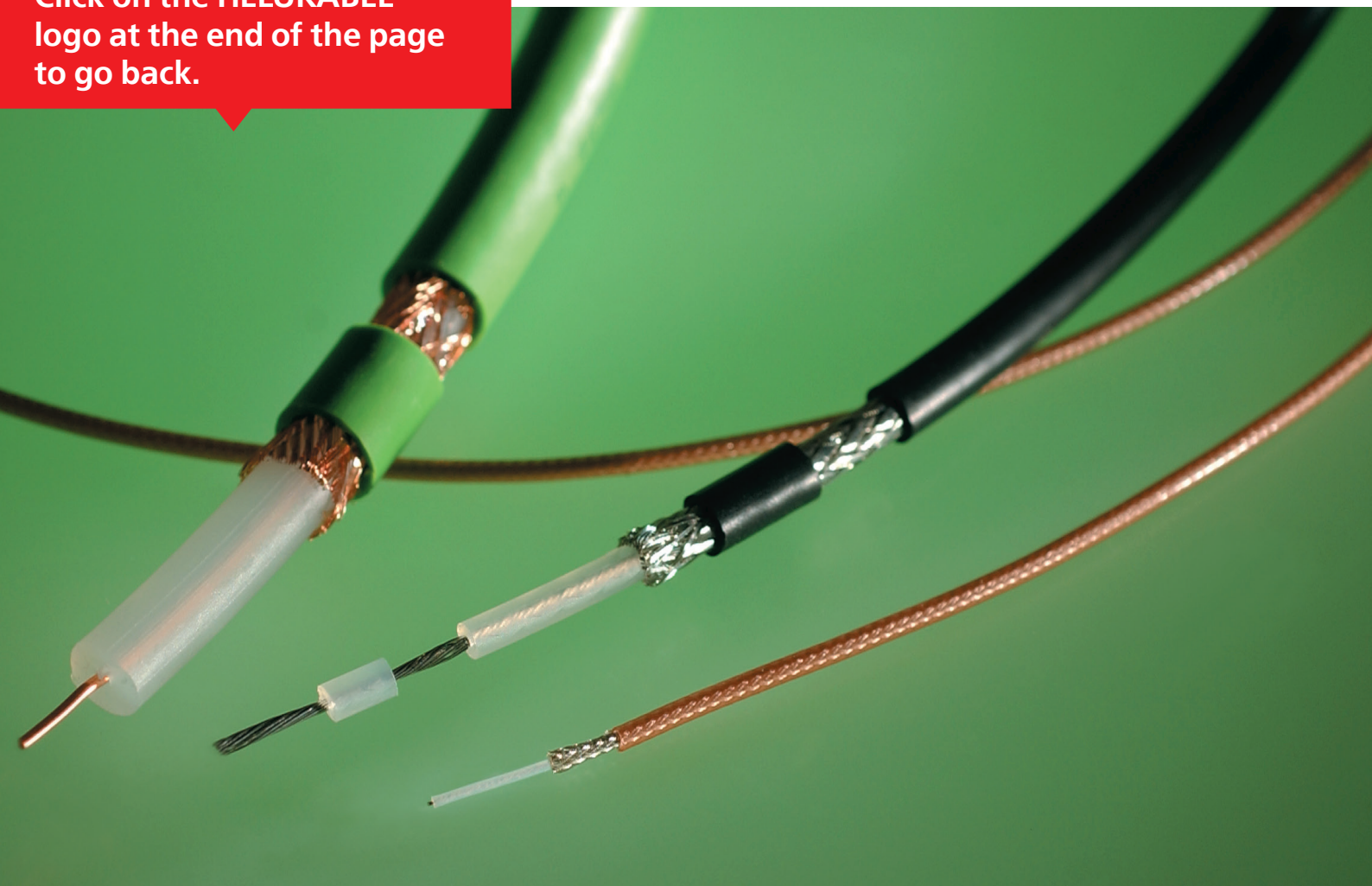


Just click on the products  
in the selection table.  
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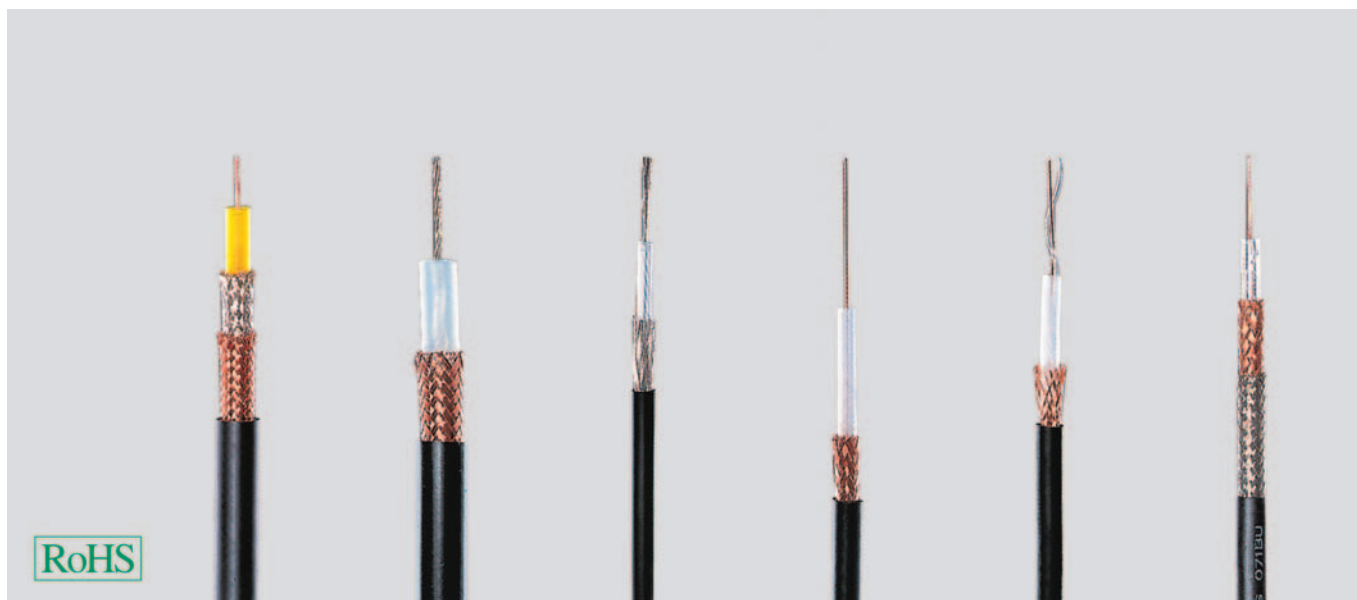
 **Cables & Wires**

## **Selection table for coaxial cables**

## ■ COAXIAL CABLES

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# RG-Coaxial Cables



| Type                                | RG 6 A/U           | RG 11 A/U       | RG 58 C/U       | RG 59 B/U          | RG 62 A/U          | RG 71 B/U          |
|-------------------------------------|--------------------|-----------------|-----------------|--------------------|--------------------|--------------------|
| Part no.                            | 40001              | 40002           | 40003           | 40004              | 40005              | 40006              |
| <b>Cable structure</b>              |                    |                 |                 |                    |                    |                    |
| Inner conductor diameter mm         | 1 x 0,7            | 7 x 0,4         | 19 x 0,2        | 1 x 0,6            | 1 x 0,6            | 1 x 0,6            |
|                                     | Steel/copper, bare | Tinned copper   | Tinned copper   | Steel/copper, bare | Steel/copper, bare | Steel/copper, bare |
| Insulation Ø mm                     | 4,7 PE             | 7,3 PE          | 2,95 PE         | 3,7 PE             | 3,7 PE, hollow     | 3,7 PE, hollow     |
| Outer conductor                     | 2 braids           | Braid           | Braid           | Braid              | Braid              | 2 braids           |
|                                     | Silvered copper    | Copper, bare    | Tinned copper   | Copper, bare       | Copper, bare       | Copper, bare       |
|                                     | Copper, bare       | -               | -               | -                  | -                  | Tinned copper      |
| Outer sheath                        | PVC                | PVC             | PVC             | PVC                | PVC                | PVC                |
| Min. bending radius approx. mm      | 40                 | 50              | 25              | 30                 | 30                 | 30                 |
| Temperature range °C                | -35 to +80         | -35 to +80      | -35 to +80      | -35 to +80         | -35 to +80         | -50 to +70         |
| Copper weight kg/km                 | 72,0               | 58,0            | 29,0            | 28,0               | 28,0               | 48,0               |
| Outer Ø approx. mm                  | 8,4                | 10,3            | 5,0             | 6,2                | 6,2                | 6,2                |
| Weight approx. kg / km              | 115                | 140             | 38              | 57                 | 52                 | 62                 |
| <b>Electrical characteristics</b>   |                    |                 |                 |                    |                    |                    |
| <b>Impedance (Ohm)</b>              | <b>75 ± 3</b>      | <b>75 ± 3</b>   | <b>50 ± 2</b>   | <b>75 ± 3</b>      | <b>93 ± 5</b>      | <b>93 ± 3</b>      |
| Frequency range                     |                    |                 |                 |                    |                    |                    |
| f (max.) GHz                        | 3                  | 3               | 3               | 3                  | 3                  | 3                  |
| Propagation velocity v/c            | 0,7                | 0,7             | 0,7             | 0,7                | 0,8                | 0,8                |
| Attenuation at 20°C (db/100m)       |                    |                 |                 |                    |                    |                    |
| 100 MHz                             | 8,8                | 7,5             | 17              | 11,5               | 10,5               | 10,5               |
| 200 MHz                             | 13,5               | 11              | 24              | 16,5               | 15                 | 15                 |
| 500 MHz                             | 21                 | 18,5            | 39              | 27                 | 24,5               | 24,5               |
| 800 MHz                             | 27,5               | 24              | 51              | 35                 | 32,5               | 32,5               |
| 1000 MHz                            | -                  | 30              | 56              | 41                 | 35                 | -                  |
| 1350 MHz                            | -                  | -               | -               | -                  | -                  | -                  |
| 1750 MHz                            | -                  | -               | -               | -                  | -                  | -                  |
| Capacitance pF/m                    | 67                 | 67              | 101             | 67                 | 42,5               | 42,5               |
| Rel. velocity of propagation %      | 67                 | 67              | 67              | 67                 | 83                 | 83                 |
| Insulation resistance MOhm x kmmin. | 10 <sup>5</sup>    | 10 <sup>5</sup> | 10 <sup>5</sup> | 10 <sup>5</sup>    | 10 <sup>5</sup>    | 10 <sup>5</sup>    |
| Loop resistance max. (Ohm/km)       | 110                | 23              | 53              | 171                | 155                | 136                |
| Nominal peak voltage kVs            | 3                  | 5               | 2               | 4                  | 1                  | 2                  |
| Dielectric strength 50 Hz kVeff     | 7                  | 10              | 5               | 7                  | 3                  | 3                  |

Dimensions and specifications may be changed without prior notice. (RM01)

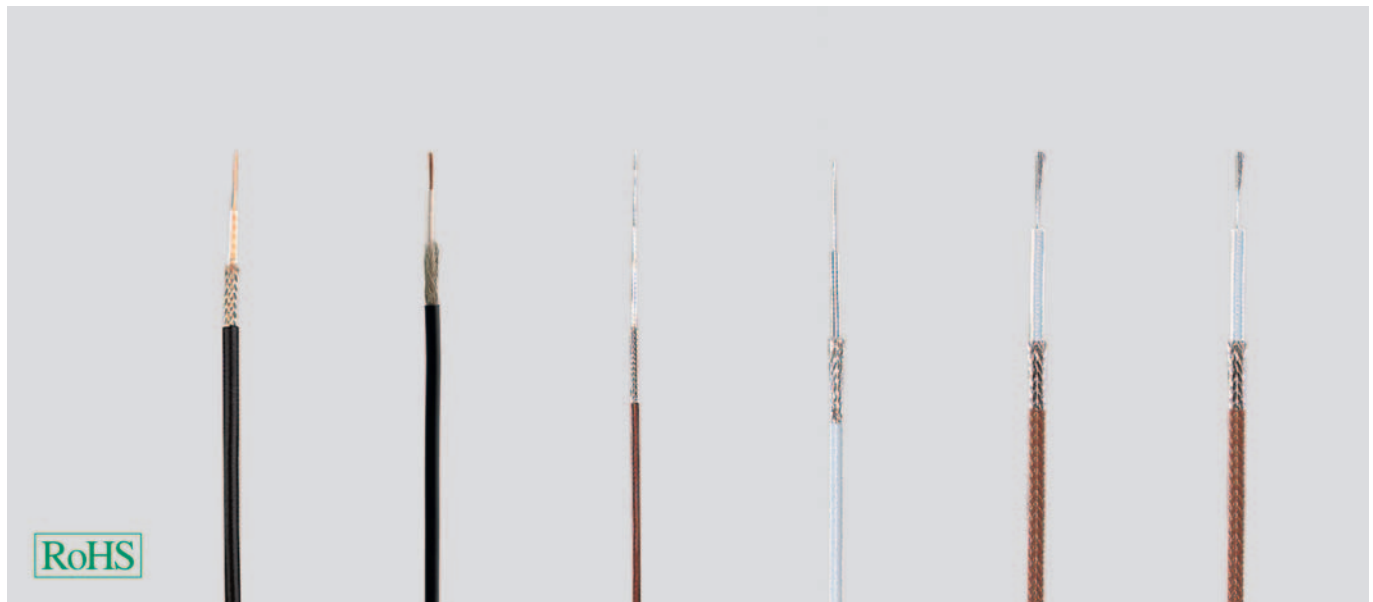
## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- RG-Coaxial types are in accordance with US-Military specifications MIL-C-17.
- RG/U: R=Radio, G=Guide, U=Utility

## Application

Coaxial cables are used in high frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions. The varied mechanical, thermal and electronic properties of Coaxial cables mean that they can be used up into the GHz levels, as per cable type.

# RG-Coaxial Cables



| Type                              | RG 174 A/U         | RG 174 U           | RG 178 B/U             | RG 179 B/U             | RG 180 B/U             | RG 187 A/U             |
|-----------------------------------|--------------------|--------------------|------------------------|------------------------|------------------------|------------------------|
| Part no.                          | 40197              | 400189             | 40007                  | 40008                  | 40009                  | 40010                  |
| <b>Cable structure</b>            |                    |                    |                        |                        |                        |                        |
| Inner conductor diameter mm       | 7 x 0,2            | 7 x 0,2            | 7 x 0,1                | 7 x 0,1                | 7 x 0,1                | 7 x 0,1                |
|                                   | Steel/copper, bare | Steel/copper, bare | Steel/copper, silvered | Steel/copper, silvered | Steel/copper, silvered | Steel/copper, silvered |
| Insulation Ø mm                   | 1,52 PE            | 1,52 PE            | 0,86 PTFE              | 1,6 PTFE               | 2,6 PTFE               | 1,6 PTFE               |
| Outer conductor                   | Braid              | Braid              | Braid                  | Braid                  | Braid                  | Braid                  |
|                                   | Tinned copper      | Tinned copper      | Silvered copper        | Silvered copper        | Silvered copper        | Silvered copper        |
| Outer sheath                      | PVC                | PVC                | FEP                    | FEP                    | FEP                    | PFA                    |
| Min. bending radius approx. mm    | 15                 | 15                 | 10                     | 15                     | 25                     | 15                     |
| Temperature range °C              | -35 to +80         | -35 to +80         | -55 to +200            | -55 to +200            | -55 to +200            | -55 to +260            |
| Copper weight kg/km               | 7,0                | 7,0                | 7,0                    | 8,0                    | 11,0                   | 9,0                    |
| Outer Ø approx. mm                | 2,8                | 2,6                | 1,8                    | 2,5                    | 3,7                    | 2,6                    |
| Weight approx. kg / km            | 11                 | 11                 | 8                      | 16                     | 28                     | 17                     |
| <b>Electrical characteristics</b> |                    |                    |                        |                        |                        |                        |
| <b>Impedance (Ohm)</b>            | <b>50 ± 2</b>      | <b>50 ± 2</b>      | <b>50 ± 2</b>          | <b>75 ± 3</b>          | <b>95 ± 5</b>          | <b>75 ± 3</b>          |
| Frequency range                   |                    |                    |                        |                        |                        |                        |
| f (max.) GHz                      | 1                  | 1                  | 3                      | 3                      | 3                      | 3                      |
| Propagation velocity v/c          | 0,7                | 0,7                | 0,7                    | 0,7                    | 0,7                    | 0,7                    |
| Attenuation at 20°C (db/100m)     |                    |                    |                        |                        |                        |                        |
| 100 MHz                           | 30                 | 30                 | 43                     | 28                     | 20                     | 28                     |
| 200 MHz                           | 45                 | 45                 | 62                     | 41                     | 33                     | 41                     |
| 500 MHz                           | 73                 | 73                 | 102                    | 69                     | -                      | 69                     |
| 800 MHz                           | 93                 | 93                 | 134                    | 92                     | -                      | 92                     |
| 1000 MHz                          | -                  | -                  | -                      | -                      | -                      | -                      |
| 1350 MHz                          | -                  | -                  | -                      | -                      | -                      | -                      |
| 1750 MHz                          | -                  | -                  | -                      | -                      | -                      | -                      |
| Capacitance pF/m                  | 101                | 101                | 93                     | 63                     | 50                     | 64                     |
| Rel. velocity of propagation %    | 70                 | 70                 | 70                     | 70                     | 70                     | 70                     |
| Insulation resistance             |                    |                    |                        |                        |                        |                        |
| MOhm x kmmin.                     | 10 <sup>5</sup>    | 10 <sup>5</sup>    | 10 <sup>5</sup>        | 10 <sup>5</sup>        | 10 <sup>5</sup>        | 10 <sup>5</sup>        |
| Loop resistance                   |                    |                    |                        |                        |                        |                        |
| max. (Ohm/km)                     | 360                | 360                | 860                    | 840                    | 840                    | 840                    |
| Nominal peak voltage kVs          | 1                  | 1                  | 1                      | 1                      | 2                      | 1                      |
| Dielectric strength               |                    |                    |                        |                        |                        |                        |
| 50 Hz kVeff                       | 2                  | 2                  | 2                      | 2                      | 2                      | 2                      |

Dimensions and specifications may be changed without prior notice.

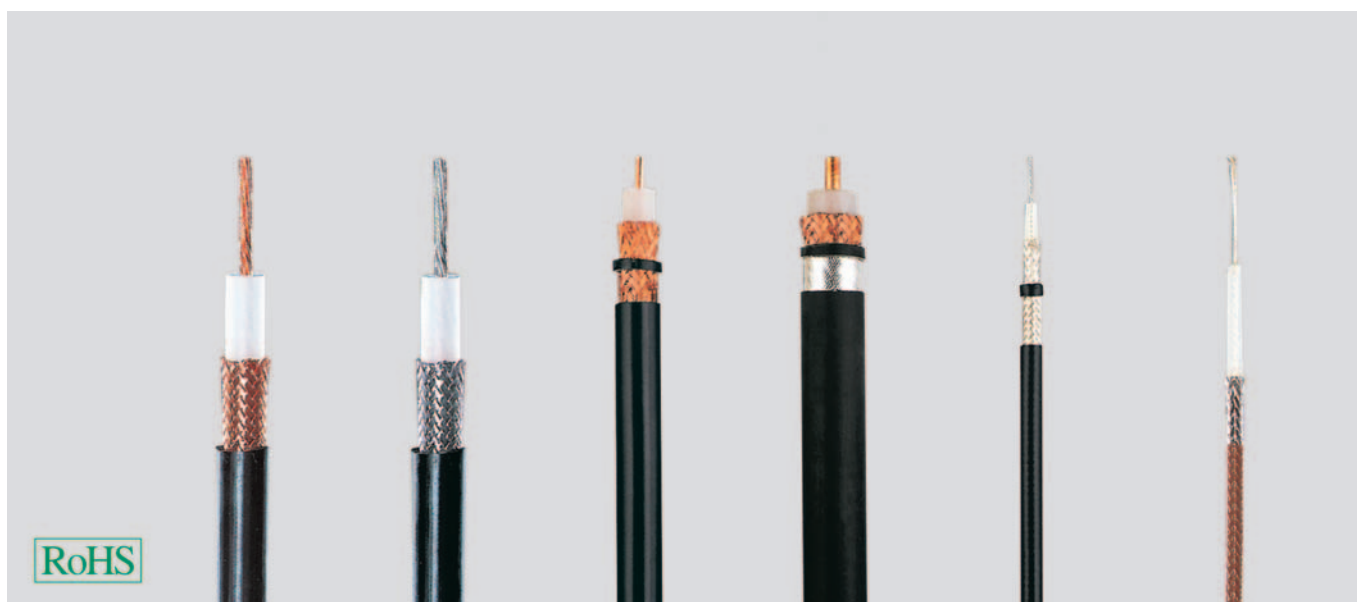
## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- The colour at FEP and PFA outer sheath is brown or white as per production outlet.
- RG-Coaxial types are in accordance with US-Military specifications MIL-C-17.
- RG/U: R=Radio, G=Guide, U=Utility

## Application

Coaxial cables are used in high frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions. The varied mechanical, thermal and electronic properties of Coaxial cables mean that they can be used up into the GHz levels, as per cable type.

# RG-Coaxial Cables



| Type                              | RG 213          | RG 214 U           | RG 217          | RG 218          | RG 223 U           | RG 316 B/U             |
|-----------------------------------|-----------------|--------------------|-----------------|-----------------|--------------------|------------------------|
| Part no.                          | 40012           | 40011              | 40200           | 40201           | 40202              | 40203                  |
| <b>Cable structure</b>            |                 |                    |                 |                 |                    |                        |
| Inner conductor diameter mm       | 7 x 0,8         | 7 x 0,8            | 1 x 2,7         | 1 x 4,95        | 1 x 0,9            | 7 x 0,2                |
|                                   | Copper, bare    | Silvered copper    | Copper, bare    | Copper, bare    | Silvered copper    | Steel/copper, silvered |
| Insulation Ø mm                   | 7,24 PE         | 7,24 PE            | 9,4 PE          | 17,3 PE         | 2,95 PE            | 1,52 PTFE              |
| Outer conductor                   | Braid           | 2 braids           | 2 braids        | Braid           | 2 braids           | Braid                  |
|                                   | Copper, bare    | 2x silvered copper | Copper, bare    | Copper, bare    | 2x silvered copper | Silvered copper        |
| Outer sheath                      | PVC             | PVC                | PVC             | PVC             | PVC                | PTFE/ alt. FEP         |
| Min. bending radius approx. mm    | 50              | 50                 | 70              | 110             | 25                 | 15                     |
| Temperature range °C              | -35 to +80      | -35 to +80         | -35 to +80      | -35 to +80      | -35 to +80         | -55 to +200            |
| Copper weight kg/km               | 85,0            | 120,0              | 187,0           | 348,0           | 44,0               | 9,0                    |
| Outer Ø approx. mm                | 10,3            | 10,8               | 13,84           | 22,1            | 5,2                | 2,5                    |
| Weight approx. kg / km            | 159             | 198                | 300             | 710             | 60                 | 15                     |
| <b>Electrical characteristics</b> |                 |                    |                 |                 |                    |                        |
| <b>Impedance (Ohm)</b>            | <b>50 ± 2</b>   | <b>50 ± 2</b>      | <b>50 ± 2</b>   | <b>50 ± 2</b>   | <b>50 ± 2</b>      | <b>50 ± 2</b>          |
| Frequency range                   |                 |                    |                 |                 |                    |                        |
| f (max.) GHz                      | 3               | 11                 | 3               | 3               | 3                  | 3                      |
| Propagation velocity v/c          | 0,7             | 0,7                | 0,66            | 0,66            | 0,7                | 0,7                    |
| Attenuation at 20°C (db/100m)     |                 |                    |                 |                 |                    |                        |
| 100 MHz                           | 7               | 7                  | 4,8             | 2,9             | 17                 | 28                     |
| 200 MHz                           | 10,2            | 10,2               | 7,1             | 4,5             | 23                 | 40                     |
| 500 MHz                           | 17              | 17                 | 12,3            | 8,1             | 38                 | 68                     |
| 800 MHz                           | 23              | 23                 | 16,8            | 11,2            | 50                 | 90                     |
| 1000 MHz                          | -               | -                  | -               | -               | -                  | -                      |
| 1350 MHz                          | -               | -                  | -               | -               | -                  | -                      |
| 1750 MHz                          | -               | -                  | -               | -               | -                  | -                      |
| Capacitance pF/m                  | 101             | 101                | 101             | 101             | 101                | 95                     |
| Rel. velocity of propagation %    | 100             | 67                 | 100             | 100             | 67                 | 70                     |
| Insulation resistance             |                 |                    |                 |                 |                    |                        |
| MOhm x kmmmin.                    | 10 <sup>5</sup> | 10 <sup>5</sup>    | 10 <sup>5</sup> | 10 <sup>5</sup> | 10 <sup>5</sup>    | 10 <sup>5</sup>        |
| Loop resistance                   |                 |                    |                 |                 |                    |                        |
| max. (Ohm/km)                     | 10              | 10                 | 5               | 2               | 36                 | 310                    |
| Nominal peak voltage kVs          | 5               | 5                  | 7               | 11              | 2                  | 1                      |
| Dielectric strength               |                 |                    |                 |                 |                    |                        |
| 50 Hz kVeff                       | 10              | 10                 | 10              | 15              | 5                  | 2                      |

Dimensions and specifications may be changed without prior notice.

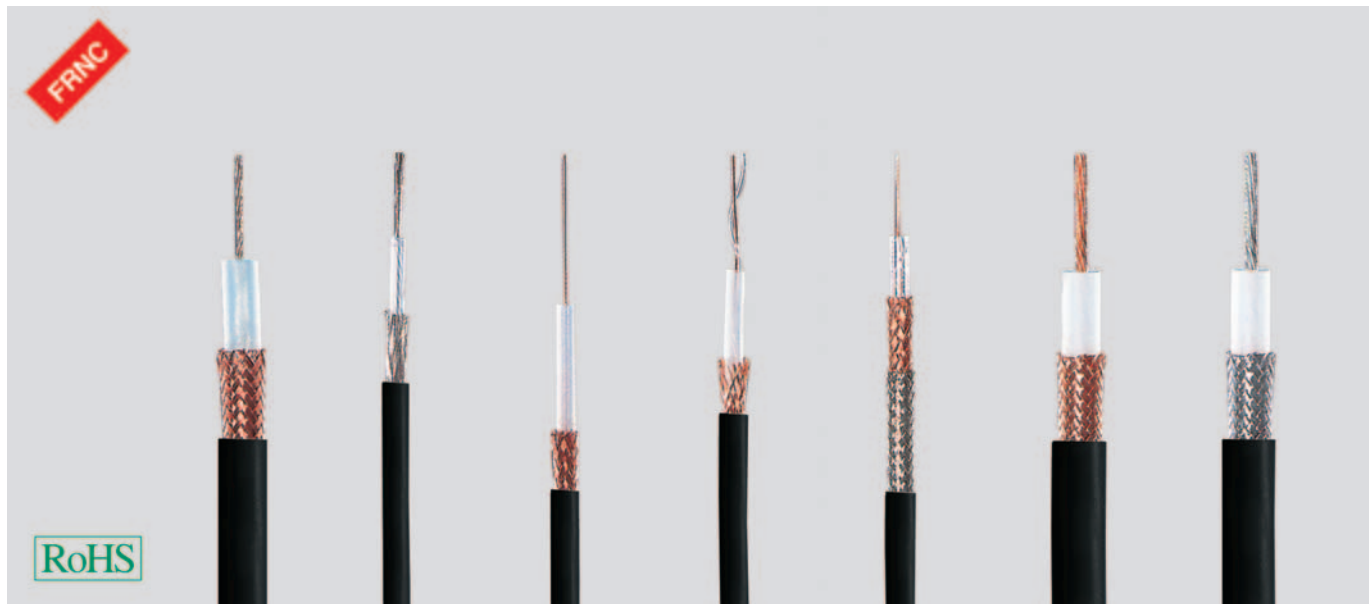
## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- The colour outer sheath at PTFE is brown or transparent as per production outlet.
- RG-Coaxial types are in accordance with US-Military specifications MIL-C-17.
- RG/U: R=Radio, G=Guide, U=Utility

## Application

Coaxial cables are used in high frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions. The varied mechanical, thermal and electronic properties of Coaxial cables mean that they can be used up into the GHz levels, as per cable type.

# Halogen-Free RG-Coaxial Cables



| Type RG.../U                        | 11 A/U                   | 58 C/U                    | 59 B/U                        | 62 A/U                        | 71 B/U                                    | 213 U                   | 214 U                          |
|-------------------------------------|--------------------------|---------------------------|-------------------------------|-------------------------------|-------------------------------------------|-------------------------|--------------------------------|
| Part no.                            | 40190                    | 40191                     | 40192                         | 40193                         | 40194                                     | 40195                   | 40196                          |
| <b>Cable structure</b>              |                          |                           |                               |                               |                                           |                         |                                |
| Inner conductor diameter mm         | 7 x 0,4<br>Tinned copper | 19 x 0,2<br>Tinned copper | 1 x 0,6<br>Steel/copper, bare | 1 x 0,6<br>Steel/copper, bare | 1 x 0,6<br>Steel/copper, bare             | 7 x 0,8<br>Copper, bare | 7 x 0,8<br>Silvered copper     |
| Insulation Ø mm                     | 7,3 PE                   | 2,95 PE                   | 3,7 PE                        | 3,7 PE, hollow                | 3,7 PE, hollow                            | 7,24 PE                 | 7,24 PE                        |
| Outer conductor                     | Braid<br>Copper, bare    | Braid<br>Tinned copper    | Braid<br>Copper, bare         | Braid<br>Copper, bare         | 2 braids<br>Copper, bare<br>Tinned copper | Braid<br>Copper, bare   | 2 braids<br>2x silvered copper |
| Outer sheath                        | HM2                      | HM2                       | HM2                           | HM2                           | HM2                                       | HM2                     | HM2                            |
| Min. bending radius approx. mm      | 50                       | 25                        | 30                            | 30                            | 30                                        | 50                      | 50                             |
| Temperature range °C                | -35 to +80               | -35 to +80                | -35 to +80                    | -35 to +80                    | -50 to +70                                | -35 to +80              | -35 to +80                     |
| Copper weight kg/km                 | 58,0                     | 29,0                      | 28,0                          | 28,0                          | 48,0                                      | 85,0                    | 120,0                          |
| Outer Ø approx. mm                  | 10,3                     | 5,4                       | 6,4                           | 6,4                           | 6,9                                       | 10,3                    | 10,8                           |
| Weight approx. kg / km              | 144                      | 38                        | 57                            | 54                            | 64                                        | 155                     | 203                            |
| <b>Electrical characteristics</b>   |                          |                           |                               |                               |                                           |                         |                                |
| <b>Impedance (Ohm)</b>              | <b>75 ± 3</b>            | <b>50 ± 2</b>             | <b>75 ± 3</b>                 | <b>93 ± 5</b>                 | <b>93 ± 3</b>                             | <b>50 ± 2</b>           | <b>50 ± 2</b>                  |
| Frequency range f (max.) GHz        | 3                        | 3                         | 3                             | 3                             | 3                                         | 3                       | 11                             |
| Propagation velocity v/c            | 0,7                      | 0,7                       | 0,7                           | 0,8                           | 0,8                                       | 0,7                     | 0,7                            |
| Attenuation at 20°C (db/100m)       |                          |                           |                               |                               |                                           |                         |                                |
| 3 MHz                               | 1,3                      | 2,9                       | 2                             | 2                             | 2                                         | 1,2                     | 1,2                            |
| 10 MHz                              | 2,4                      | 5,3                       | 3,8                           | 3,7                           | 3,7                                       | 2,3                     | 2,3                            |
| 100 MHz                             | 7,8                      | 17                        | 12,2                          | 12                            | 12,5                                      | 7,5                     | 7,5                            |
| 200 MHz                             | 11,3                     | 24,4                      | 17,6                          | 17,3                          | 17,3                                      | 10,9                    | 10,9                           |
| 500 MHz                             | 18,7                     | 39,2                      | 27,2                          | 24,7                          | 24,7                                      | 17,2                    | 17,2                           |
| 800 MHz                             | 23,4                     | 47,8                      | 35,2                          | 34,6                          | 34,6                                      | 22,6                    | 22,6                           |
| Capacitance pF/m                    | 68                       | 0                         | 68                            | 42,5                          | 42,5                                      | 101                     | 101                            |
| Rel. velocity of propagation %      | 67                       | 67                        | 67                            | 43                            | 43                                        | 101                     | 101                            |
| Insulation resistance MOhm x kmmin. | 10 <sup>5</sup>          | 10 <sup>5</sup>           | 10 <sup>5</sup>               | 10 <sup>5</sup>               | 10 <sup>5</sup>                           | 10 <sup>5</sup>         | 10 <sup>5</sup>                |
| Loop resistance max. (Ohm/km)       | 23                       | 53                        | 171                           | 155                           | 136                                       | 10                      | 10                             |
| Nominal peak voltage kVs            | 5                        | 2                         | 2                             | 1                             | 1                                         | 5                       | 5                              |
| Dielectric strength 50 Hz kVeff.    | 10                       | 5                         | 7                             | 3                             | 3                                         | 10                      | 10                             |

Dimensions and specifications may be changed without prior notice. (RM01)

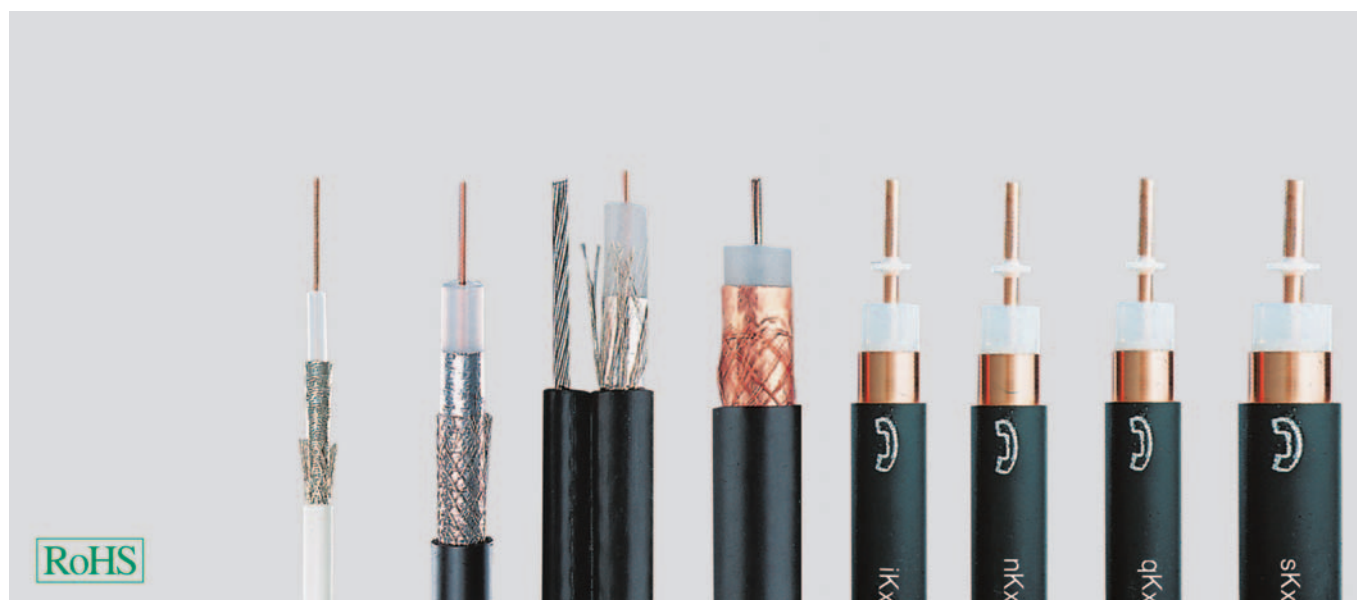
## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- H-outer sheath = halogen-free material (HM2)
- RG-Coaxial types are in accordance with US-Military specifications MIL-C-17.
- RG/U: R=Radio, G=Guide, U=Utility
- FRNC = Flame Retardant Non-Corrosive

## Application

Coaxial cables are used in high frequency transmission, especially for transmitters and receivers, computers, radio and TV transmissions where no flame propagation under behaviour in fire is permitted. The varied mechanical, thermal and electronic properties of Coaxial cables mean that they can be used up into the GHz levels, as per cable type.

# CATV-Cables with alu- or copper foil and braiding



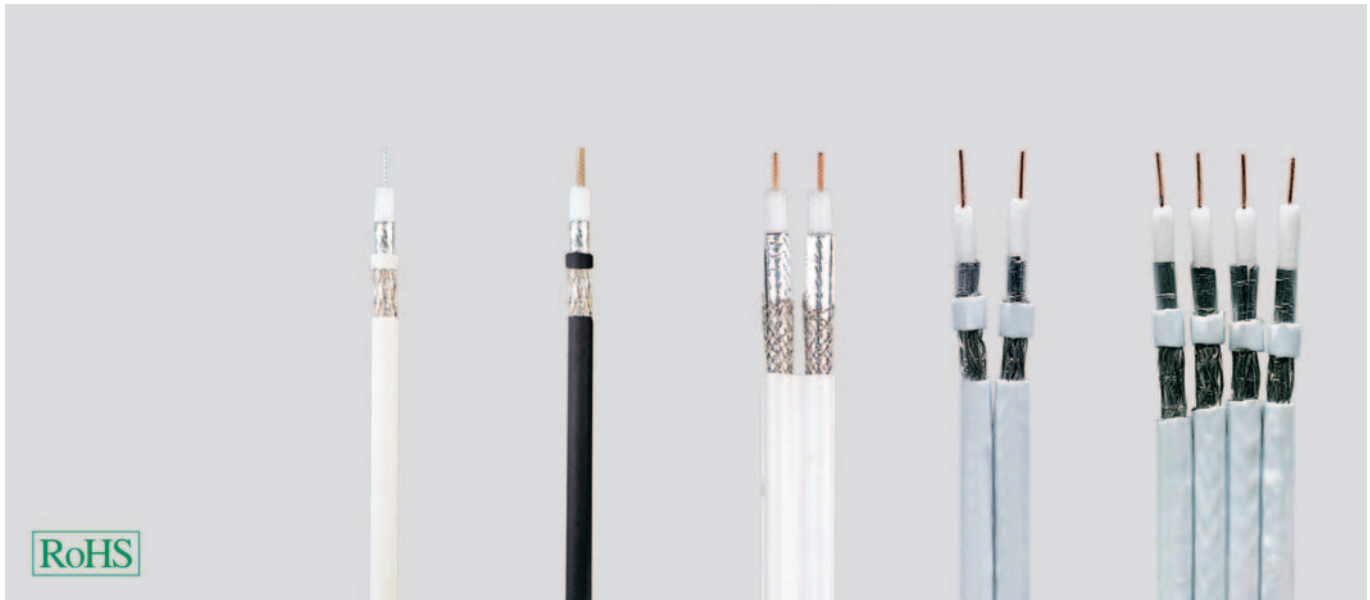
| used as<br>Type                          | 0.7/4.4<br>ALG                                     | Underground<br>1.1/7.3<br>ALG                      | Outdoor span<br>1.1/7.3<br>ALG-T                   | Underground<br>1.8/11.5<br>FG | BK-Underground<br>A-2YK2Y1<br>iKx 1.1/7.3 | BK-Underground<br>A-2Y0K2Y1<br>nKx 2.2/8.8 | BK-Underground<br>A-2Y0K2Y1<br>qKx 3.3/13.5 | BK-Underground<br>A-2Y0K2Y1<br>sKx 4.9/19.4 |
|------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|-------------------------------|-------------------------------------------|--------------------------------------------|---------------------------------------------|---------------------------------------------|
| Part no.                                 | 40135                                              | 40139                                              | 40140                                              | 40141                         | 40142                                     | 40143                                      | 40144                                       | 40179                                       |
| <b>Cable structure</b>                   |                                                    |                                                    |                                                    |                               |                                           |                                            |                                             |                                             |
| Inner conductor diameter mm              | 0,7                                                | 1,1                                                | 1,1                                                | 1,8                           | 1,1                                       | 2,2                                        | 3,3                                         | 4,9                                         |
|                                          | Copper, bare                                       | Copper, bare                                       | Copper, bare                                       | Copper, bare                  | Copper, bare                              | Copper, bare                               | Copper, bare                                | Copper, bare                                |
| Insulation Ø mm                          | 4,4 PE                                             | 7,3 PE                                             | 7,3 PE                                             | 11,5 PE                       | 7,3 PE                                    | 8,8 PE, hollow                             | 13,5 PE, hollow                             | 19,4 PE, hollow                             |
| Outer conductor                          | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides | Copper tape                   | Copper tube, welded                       | Copper tube, welded                        | Copper tube, welded                         | Copper tube, welded                         |
| Braid                                    | -                                                  | -                                                  | -                                                  | Braid                         | -                                         | -                                          | -                                           | -                                           |
| Outer sheath                             | PVC                                                | PE                                                 | PE                                                 | PE                            | PE                                        | PE                                         | PE                                          | PE                                          |
| Sheath colour                            | white                                              | black                                              | black                                              | black                         | black                                     | black                                      | black                                       | black                                       |
| Outer Ø approx. mm                       | 6,6                                                | 10,5                                               | 2,8                                                | 15,0                          | 11,0                                      | 12,5                                       | 17,0                                        | 24,4                                        |
| Min. bending radius approx. mm           | 35                                                 | 100                                                | 150                                                | 150                           | 160                                       | 200                                        | 300                                         | 400                                         |
| Strain/suspending wire N                 | -                                                  | -                                                  | 5500                                               | -                             | -                                         | -                                          | -                                           | -                                           |
| Weight approx. kg / km                   | 44                                                 | 98                                                 | 177                                                | 218                           | 142                                       | 183                                        | 347                                         | 500                                         |
| <b>Electrical characteristics</b>        |                                                    |                                                    |                                                    |                               |                                           |                                            |                                             |                                             |
| <b>Impedance (Ohm)</b>                   | <b>75 ± 3</b>                                      | <b>75 ± 3</b>                                      | <b>75 ± 3</b>                                      | <b>75 ± 3</b>                 | <b>75 ± 2</b>                             | <b>75 ± 2</b>                              | <b>75 ± 1</b>                               | <b>75 ± 1</b>                               |
| Capacitance pF/m                         | 67                                                 | 67                                                 | 67                                                 | 67                            | 65                                        | 51                                         | 51                                          | 50                                          |
| Propagation velocity v/c                 | 0,7                                                | 0,7                                                | 0,7                                                | 0,7                           | 0,7                                       | 0,88                                       | 0,88                                        | 0,89                                        |
| Attenuation at 20°C (db/100m)            |                                                    |                                                    |                                                    |                               |                                           |                                            |                                             |                                             |
| 100 MHz                                  | 9                                                  | 5,2                                                | 5,2                                                | 3,5                           | 5,4                                       | 2,8                                        | 1,9                                         | 1,3                                         |
| 200 MHz                                  | 12                                                 | 7,3                                                | 7,3                                                | 5,2                           | 7,9                                       | 4                                          | 2,7                                         | 1,9                                         |
| 500 MHz                                  | 21,2                                               | 12,6                                               | 12,6                                               | 9                             | 12,9                                      | 6,6                                        | 4,4                                         | 3,1                                         |
| 800 MHz                                  | 27,5                                               | 16,8                                               | 16,8                                               | 12                            | 17,3                                      | 8,4                                        | 5,7                                         | 4,1                                         |
| 950 MHz                                  | 30,5                                               | 18,8                                               | 18,8                                               | 13                            | 18,9                                      | 9,3                                        | 6,3                                         | 4,4                                         |
| 1350 MHz                                 | 37                                                 | 23                                                 | 23                                                 | -                             | -                                         | -                                          | -                                           | -                                           |
| 1750 MHz                                 | 43                                                 | 27,7                                               | 27,7                                               | -                             | -                                         | -                                          | -                                           | -                                           |
| 2050 MHz                                 | 47,5                                               | 30,2                                               | 30,2                                               | -                             | -                                         | -                                          | -                                           | -                                           |
| Structural return loss min. (dB) between |                                                    |                                                    |                                                    |                               |                                           |                                            |                                             |                                             |
| 30 and 300 MHz                           | 30                                                 | 32                                                 | 32                                                 | 30                            | 26                                        | 26                                         | 28                                          | 28                                          |
| 300 and 600 MHz                          | 30                                                 | 32                                                 | 32                                                 | 30                            | 23                                        | 23                                         | 25                                          | 25                                          |
| 600 and 960 MHz                          | 25                                                 | 30                                                 | 30                                                 | 28                            | 21                                        | 21                                         | 23                                          | 23                                          |
| 960 and 1750 MHz                         | 23                                                 | 27                                                 | 27                                                 | 25                            | -                                         | -                                          | -                                           | -                                           |
| <b>DC resistance at 20°C</b>             |                                                    |                                                    |                                                    |                               |                                           |                                            |                                             |                                             |
| Inner conductor max.Ohm/km               | 47                                                 | 18,5                                               | 18,5                                               | 7,3                           | 22                                        | 5,6                                        | 2,5                                         | 1                                           |
| Outer conductor max.Ohm/km               | 23                                                 | 11                                                 | 11                                                 | 6,5                           | 3,1                                       | 3                                          | 2                                           | 1                                           |
| <b>Screening efficiency (dB)</b>         |                                                    |                                                    |                                                    |                               |                                           |                                            |                                             |                                             |
| 50 and 100 MHz≥                          | 75                                                 | 80                                                 | 80                                                 | 80                            | 110                                       | 110                                        | 110                                         | 110                                         |
| 100 and 500 MHz≥                         | 75                                                 | 85                                                 | 85                                                 | 85                            | 110                                       | 110                                        | 110                                         | 110                                         |
| 500 and 1000 MHz≥                        | 75                                                 | 85                                                 | 85                                                 | 85                            | 110                                       | 110                                        | 110                                         | 110                                         |
| 1000 and 2050 MHz≥                       | 75                                                 | 78                                                 | 78                                                 | 80                            | 110                                       | 110                                        | 110                                         | 110                                         |
| <b>Post office approved</b>              | G670009A                                           | G670011A                                           | G622015B                                           | G622010B                      | -                                         | -                                          | -                                           | -                                           |

Dimensions and specifications may be changed without prior notice. (RM01)

## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- BK-underground: broadband cable in accordance with FTZ 15 TV 11 (post cable)
- AL=Aluminium, ALPR=Polyesterfoil coated with Aluminium on both sides
- BK-cable=broadband communication cable, Cu=Copper, CuR=Cu-tube welded, CuW=Copperweld, F=Foil, G=Braid, PE=Polyethylene, PEH=Polyethylene air-space insulation, PVC=Polyvinylchloride

# SAT-Coaxial Cables up to 2150 MHz, for satellite-receivers, double screened



| Type                                     | 1,1/4,8                                            | 1.65/7.2 ALG                                       | SAT-MINI 1                                         | DUO 2x0.7/2.9                                      | QUADRO 4x0.7/2.9                                   |
|------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Part no.                                 | 40150                                              | 40151                                              | 40159                                              | 40168                                              | 40169                                              |
| <b>Cable structure</b>                   |                                                    |                                                    |                                                    |                                                    |                                                    |
| Inner conductor diameter mm              | 1,1 Tinned copper                                  | 1,6 Copper, bare                                   | 0,8 Copper, bare                                   | 0,65 Copper, bare                                  | 0,6 Copper, bare                                   |
| Insulation Ø mm                          | 5 Cell PE                                          | 7,2 Cell PE                                        | 3,5 Cell PE                                        | 3 Cell PE                                          | 3 Cell PE                                          |
| Core colours                             | -                                                  | -                                                  | -                                                  | -                                                  | -                                                  |
| Outer conductor                          | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides |
|                                          | Braid                                              | Braid                                              | Braid                                              | Braid                                              | Braid                                              |
|                                          | -                                                  | -                                                  | -                                                  | -                                                  | -                                                  |
| Outer sheath                             | PVC                                                | PE                                                 | PVC                                                | PVC                                                | PVC                                                |
| Sheath colour                            | white                                              | black                                              | white                                              | white                                              | white                                              |
| Outer Ø approx. mm                       | 6,8                                                | 10,1                                               | 5,4 x 10,8                                         | 8,6 x 4,3                                          | 20,0 x 4,3                                         |
| Min. bending radius approx. mm           | 50                                                 | 60                                                 | 40                                                 | 35                                                 | 80                                                 |
| Weight approx. kg / km                   | 49                                                 | 81                                                 | 62                                                 | 40                                                 | 82                                                 |
| <b>Electrical characteristics</b>        |                                                    |                                                    |                                                    |                                                    |                                                    |
| <b>Impedance (Ohm)</b>                   | <b>75 ± 3</b>                                      | <b>75 ± 3</b>                                      | <b>75 ± 3</b>                                      | <b>75 ± 3</b>                                      | <b>75 ± 3</b>                                      |
| Capacitance pF/m                         | 55                                                 | 55                                                 | 55                                                 | 55                                                 | 55                                                 |
| Propagation velocity v/c                 | 0,8                                                | 0,82                                               | 0,82                                               | 0,8                                                | 0,8                                                |
| Attenuation at 20°C (db/100m)            |                                                    |                                                    |                                                    |                                                    |                                                    |
| 100 MHz                                  | 5                                                  | 3,7                                                | 8                                                  | 8,9                                                | 8,9                                                |
| 200 MHz                                  | 7,3                                                | 5,1                                                | 11,5                                               | 13,5                                               | 13,5                                               |
| 500 MHz                                  | 13                                                 | 9                                                  | 18,5                                               | 22                                                 | 22                                                 |
| 800 MHz                                  | 17,2                                               | 11,8                                               | 23,5                                               | 28                                                 | 28                                                 |
| 950 MHz                                  | 19,5                                               | 13,6                                               | 25,5                                               | 31,5                                               | 31,5                                               |
| 1350 MHz                                 | 23,5                                               | 16,8                                               | 31                                                 | 37                                                 | 37                                                 |
| 1750 MHz                                 | 27,6                                               | 19,7                                               | 35,5                                               | 42,3                                               | 42,3                                               |
| 2050 MHz                                 | 30                                                 | 22                                                 | 39,5                                               | 45,9                                               | 45,9                                               |
| 2150 MHz                                 | 31                                                 | 22,5                                               | 43                                                 | 50,4                                               | 50,4                                               |
| Structural return loss min. (dB) between |                                                    |                                                    |                                                    |                                                    |                                                    |
| 30 and 300 MHz                           | 28                                                 | 31                                                 | 27                                                 | 20                                                 | 20                                                 |
| 300 and 600 MHz                          | 28                                                 | 30                                                 | 25                                                 | 17                                                 | 18                                                 |
| 600 and 960 MHz                          | 26                                                 | 30                                                 | 20                                                 | 17                                                 | 15                                                 |
| 960 and 2050 MHz                         | 24                                                 | 28                                                 | 20                                                 | -                                                  | -                                                  |
| <b>DC resistance at 20°C</b>             |                                                    |                                                    |                                                    |                                                    |                                                    |
| Inner conductor max. Ohm/km              | 18                                                 | 9                                                  | 36                                                 | 110                                                | 52                                                 |
| Outer conductor max. Ohm/km              | 20                                                 | 12                                                 | 28                                                 | 22                                                 | 26                                                 |
| Max. nominal voltage (V)                 | -                                                  | -                                                  | -                                                  | -                                                  | -                                                  |
| <b>Screening efficiency (dB)</b>         |                                                    |                                                    |                                                    |                                                    |                                                    |
| 50 and 100 MHz≥                          | 75                                                 | 80                                                 | 78                                                 | 75                                                 | 75                                                 |
| 100 and 500 MHz≥                         | 75                                                 | 85                                                 | 78                                                 | 75                                                 | 75                                                 |
| 500 and 1000 MHz≥                        | 75                                                 | 85                                                 | 75                                                 | 75                                                 | 75                                                 |
| 1000 and 2050 MHz≥                       | 75                                                 | 78                                                 | 75                                                 | 75                                                 | 75                                                 |
| <b>Post office approved</b>              |                                                    |                                                    |                                                    |                                                    |                                                    |
| G670010A                                 |                                                    | G622016B                                           | -                                                  | -                                                  | -                                                  |
| Copper weight kg/km                      | 21,0                                               | 35,0                                               | 30,0                                               | 16,0                                               | 50,0                                               |

Dimensions and specifications may be changed without prior notice. (RM01)

## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- AL**=Aluminium, **ALPR**=Polyesterfoil coated with Aluminium on both sides  
**Cu**=Copper, **CuW**=Copperweld, **F**=Foil, **G**=Braid, **PE**=Polyethylene, **PEH**=Polyethylene air-space insulation, **PVC**=Polyvinylchloride, **vz**=tinned

# Multimedia-Coaxial Cables SAT 1,0/4,6GH, up to 2400MHz, for digital-tv, double screened, screening efficiency >90dB



| used as<br>Type                          | inner/outer<br>1.0/4.6 GH-Y                        | Underground<br>1.0/4.6 GH-2Y                       | Safety zones<br>1.0/4.6 GH-FRNC                    |
|------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
| Part no.                                 | 40176                                              | 40177                                              | 40178                                              |
| <b>Cable structure</b>                   |                                                    |                                                    |                                                    |
| Inner conductor diameter mm              | 1 Copper with skin                                 | 1 Copper with skin                                 | 1 Copper with skin                                 |
| Insulation Ø mm                          | 4,6 Cell polyethylene with skin and PIB coating    | 4,6 Cell polyethylene with skin and PIB coating    | 4,6 Cell polyethylene with skin and PIB coating    |
| Outer conductor                          | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides | Polyester foil coated with aluminium on both sides |
| Outer sheath                             | PVC                                                | PE                                                 | FRNC                                               |
| Sheath colour                            | white                                              | black                                              | grey                                               |
| Outer Ø approx. mm                       | 6,6                                                | 6,6                                                | 6,6                                                |
| Approx. bending radius approx. mm        | 45                                                 | 45                                                 | 45                                                 |
| Weight approx. kg / km                   | 40                                                 | 40                                                 | 40                                                 |
| <b>Electrical characteristics</b>        |                                                    |                                                    |                                                    |
| <b>Impedance (Ohm)</b>                   | <b>75 ± 1</b>                                      | <b>75 ± 1</b>                                      | <b>75 ± 1</b>                                      |
| Capacitance pF/m                         | 55                                                 | 55                                                 | 55                                                 |
| Propagation velocity v/c                 | 0,8                                                | 0,85                                               | 0,85                                               |
| Attenuation at 20°C (db/100m)            |                                                    |                                                    |                                                    |
| 100 MHz                                  | 5,8                                                | 5,8                                                | 5,8                                                |
| 200 MHz                                  | 7,8                                                | 7,8                                                | 7,8                                                |
| 450 MHz                                  | 12,5                                               | 12,5                                               | 12,5                                               |
| 600 MHz                                  | 14,7                                               | 14,7                                               | 14,7                                               |
| 800 MHz                                  | 17,2                                               | 17,2                                               | 17,2                                               |
| 1000 MHz                                 | 19,1                                               | 19,1                                               | 19,1                                               |
| 1750 MHz                                 | 26,2                                               | 26,2                                               | 26,2                                               |
| 2050 MHz                                 | 28,5                                               | 28,5                                               | 28,5                                               |
| 2400 MHz                                 | 31,3                                               | 31,3                                               | 31,3                                               |
| Structural return loss min. (dB) between |                                                    |                                                    |                                                    |
| 30 and 300 MHz                           | 30                                                 | 30                                                 | 30                                                 |
| 300 and 600 MHz                          | 32                                                 | 32                                                 | 32                                                 |
| 600 and 960 MHz                          | 31                                                 | 31                                                 | 31                                                 |
| 960 and 1750 MHz                         | 26                                                 | 26                                                 | 26                                                 |
| 1750 and 2400 MHz                        | 30                                                 | 30                                                 | 30                                                 |
| <b>DC resistance at 20°C</b>             |                                                    |                                                    |                                                    |
| Inner conductor max.Ohm/km               | 18                                                 | 18                                                 | 18                                                 |
| Outer conductor max.Ohm/km               | 20                                                 | 20                                                 | 20                                                 |
| Max. nominal voltage (V)                 | -                                                  | -                                                  | -                                                  |
| Screening efficiency (dB) ≥              | 90                                                 | 90                                                 | 90                                                 |
| Copper weight kg/km                      | 22,0                                               | 22,0                                               | 22,0                                               |

Dimensions and specifications may be changed without prior notice. (RM01)

## Note

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.
- FRNC**=Flame Retardant Non Corrosive, **PEE**= Cell-Polyethylene, **PIB**= Polyisobutylene, **ALPR**=Polyesterfoil coated with Aluminium on both sides  
**F**=Foil, **G**=Braid, **GH**=Braid-covering ca. 88%

## Application

### • Copper inner-conductor 1,02 with skin-effect

Protection against humidity and corrosion / Solid compound of dielectric. No change of position during installation in narrow bending radius.

### • Dielectric 4,6 mm Ø : - special PE-compound, foaming by GAS-INJEKTION

Important improvement of propagation velocity values / Very high transmission speed of individual signals (presumption for Multimedia) / Improvement for the resistance to ageing / Reduction of attenuation-loss by approx. 2dB

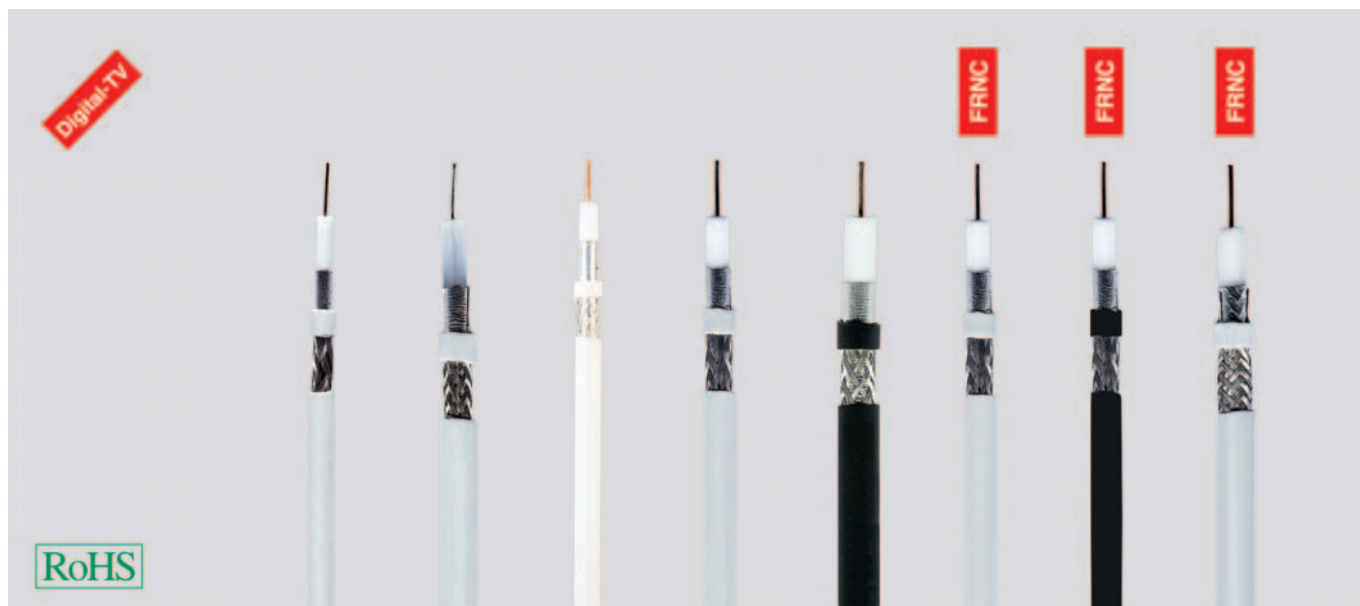
### • The over surface of dielectric consists too a skin-coating (smooth over surface)

Protection against humidity and other chemical influences / Minimum impedance tolerance ± 2 Ohm / This coaxial cable is crimpable / Installation in narrow bending radius, no kinking risk / The transmission-loss of signals are hardly measurable to the advance in years / Additionally to the skin-effect, the dielectric contains a gel-coating (special PIB-cmpound) / We therefore offer a **15 years guarantee for attenuation-loss** by installation at 20°C room-temperature

### • Screening

a) AL/PR-foil, polyesterfoil coated with aluminium on both sides or b) Copper braiding of tinned wires, **screening efficiency >90 dB**

# SAT-Coaxial Cables for digital-tv, screening efficiency >90dB / >95dB, for satellite-receivers, double screened



| used as Type                             | inner 0,7/2,9        | inner/outer 0,7/4,5  | inner/outer 0,8/3,5  | inner 1,1/5,0        | Underground 1.6/7,0  | inner 1,1/5,0 FRNC 40019 | inner/outer 1,1/5,0 FRNC 40021 | inner 1.6/7.0 FRNC 40020 |
|------------------------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|--------------------------|--------------------------------|--------------------------|
| Part no.                                 | 40015                | 40016                | 40085                | 40017                | 40018                | 40019                    | 40021                          | 40020                    |
| <b>Cable structure</b>                   |                      |                      |                      |                      |                      |                          |                                |                          |
| Inner conductor diameter mm              | 0,6                  | 0,75                 | 0,8                  | 1,1                  | 1,63                 | 1,1                      | 1,1                            | 1,6                      |
|                                          | Copper, bare         | Tinned copper        | Copper, bare         | Copper, bare         | Copper, bare         | Copper, bare             | Copper, bare                   | Copper, bare             |
| Insulation Ø mm                          | 3                    | 4,5                  | 3,5                  | 4,8                  | 7,1                  | 4,8                      | 4,8                            | 7,1                      |
|                                          | Polyethylene, foamed | Polyethylene, foamed | Polyethylene, foamed | Polyethylene, foamed | Polyethylene, foamed | Cell PE, foamed          | Cell PE, foamed                | Polyethylene, foamed     |
| Outer conductor                          | ALPR-FG              | ALPR-FG              | ALPR-FG              | ALPR-FG              | ALPR-FG              | ALPR-FG                  | ALPR-FG                        | ALPR-FG                  |
|                                          | -                    | -                    | -                    | -                    | -                    | -                        | -                              | -                        |
| 1st Screen - ALPR                        | foil                 | foil                 | foil                 | foil                 | foil                 | foil                     | foil                           | foil                     |
| 2nd Screen - Cu-Braid                    | Braid                | Braid                | Braid                | Braid                | Braid                | Braid                    | Braid                          | Braid                    |
| Outer sheath                             | PVC                  | PVC                  | PVC                  | PVC                  | PE                   | FRNC                     | FRNC                           | FRNC                     |
| Sheath colour                            | white                | white                | white                | white                | black                | white                    | black                          | white                    |
| Outer Ø approx. mm                       | 4,3                  | 6,6                  | 5,0                  | 6,9                  | 10,3                 | 6,8                      | 6,8                            | 10,0                     |
| Min. bending radius approx. mm           | 43                   | 35                   | 50                   | 45                   | 60                   | 48                       | 48                             | 60                       |
| Weight approx. kg / km                   | 20                   | 40                   | 32                   | 47                   | 110                  | 47                       | 47                             | 110                      |
| <b>Electrical characteristics</b>        |                      |                      |                      |                      |                      |                          |                                |                          |
| <b>Impedance (Ohm)</b>                   | <b>75 ± 3</b>        | <b>75 ± 3</b>        | <b>75 ± 3</b>        | <b>75 ± 2</b>        | <b>75 ± 2</b>        | <b>75 ± 2</b>            | <b>75 ± 2</b>                  | <b>75 ± 2</b>            |
| Capacitance pF/m                         | 55                   | 67                   | 53                   | 55                   | 55                   | 53                       | 55                             | 53                       |
| Propagation velocity v/c                 | 0,8                  | 0,66                 | 0,8                  | 0,8                  | 0,85                 | 0,8                      | 0,8                            | 0,8                      |
| Attenuation at 20°C (dB/100m)            |                      |                      |                      |                      |                      |                          |                                |                          |
| 100 MHz                                  | 8,1                  | 7,1                  | 6,3                  | 4,9                  | 3                    | 4,7                      | 4,9                            | 3,8                      |
| 200 MHz                                  | 13,3                 | 10,4                 | 11,5                 | 7,7                  | 6,1                  | 7                        | 7,2                            | 5,5                      |
| 450 MHz                                  | 20,9                 | 16,8                 | 17,1                 | 11,6                 | 9                    | 11,5                     | 11,6                           | 8,6                      |
| 800 MHz                                  | -                    | 25                   | -                    | -                    | -                    | 17                       | -                              | 12,1                     |
| 1000 MHz                                 | 31,5                 | 27,4                 | 26,5                 | 18,9                 | 14,3                 | 18,1                     | 18,9                           | 13,2                     |
| 1750 MHz                                 | 42,2                 | 37,4                 | 36,4                 | 26,6                 | 20,1                 | 25                       | 26,6                           | 17,5                     |
| 2050 MHz                                 | 45,8                 | 40,5                 | 39,7                 | 28,2                 | 22,5                 | 27,3                     | 28,2                           | 19                       |
| 2250 MHz                                 | 49,9                 | 44,3                 | 43,1                 | 29,5                 | 24                   | 28                       | 29,5                           | 19,9                     |
| 2400 MHz                                 | 55,5                 | 45                   | -                    | 31,9                 | -                    | 29,3                     | 31,9                           | 22,5                     |
| Structural return loss min. (dB) between |                      |                      |                      |                      |                      |                          |                                |                          |
| 30 and 300 MHz                           | 20                   | 20                   | 35                   | 25                   | 40                   | 25                       | 40                             | 25                       |
| 300 and 600 MHz                          | 18                   | 18                   | 35                   | 18                   | 35                   | 18                       | 40                             | 18                       |
| 600 and 960 MHz                          | 16                   | 18                   | 30                   | 17                   | 35                   | 17                       | 35                             | 17                       |
| 960 and 1750 MHz                         | -                    | -                    | 30                   | 15                   | 30                   | 15                       | 30                             | 15                       |
| <b>DC resistance at 20°C</b>             |                      |                      |                      |                      |                      |                          |                                |                          |
| Inner conductor max.Ohm/km               | 52                   | 110                  | 36                   | 18                   | 9                    | 18                       | 18                             | 9                        |
| Outer conductor max.Ohm/km               | 29                   | 22                   | 28                   | 14                   | 21                   | 14                       | 14                             | 21                       |
| Max. nominal voltage (V)                 | -                    | -                    | -                    | -                    | -                    | -                        | -                              | -                        |
| <b>Screening efficiency (dB)</b>         |                      |                      |                      |                      |                      |                          |                                |                          |
| 50 and 100 MHz≥                          | 95                   | 90                   | 90                   | 95                   | 90                   | 90                       | 95                             | 90                       |
| 100 and 500 MHz≥                         | 95                   | 90                   | 90                   | 95                   | 90                   | 90                       | 95                             | 90                       |
| 500 and 1000 MHz≥                        | 95                   | 90                   | 90                   | 95                   | 90                   | 90                       | 95                             | 90                       |
| 1000 and 2050 MHz≥                       | 95                   | 90                   | 90                   | 95                   | 90                   | 90                       | 95                             | 90                       |
| Copper weight kg/km                      | 12,5                 | 9,0                  | 9,0                  | 25,0                 | 32,0                 | 25,0                     | 25,0                           | 50,5                     |

Dimensions and specifications may be changed without prior notice. (RM01)

# RGB-COAX-CY / RGB-COAX-(St)Y transmission cables for colour monitor



## Technical data

- **Base cable 0,37/1,5 or 0,6/3,7**

- **Temperature range**

fixed installation -10°C to +80°C  
flexing -5°C to +50°C

- **Mutual capacitance** 67 nF/km

- **Impedance** 75 Ohm

- **Attenuation**

RGB-Coax 0,37/1,5

1 MHz = 2,0 dB/100m

2 MHz = 2,8 dB/100m

5 MHz = 4,0 dB/100m

10 MHz = 5,8 dB/100m

20 MHz = 8,4 dB/100m

50 MHz = 13,9 dB/100m

100 MHz = 19,8 dB/100m

200 MHz = 28,5 dB/100m

RGB-Coax 0,6/3,7

1 MHz = 1,1 dB/100m

2 MHz = 1,5 dB/100m

5 MHz = 2,5 dB/100m

10 MHz = 3,5 dB/100m

20 MHz = 4,5 dB/100m

50 MHz = 7,2 dB/100m

100 MHz = 10,4 dB/100m

200 MHz = 15,1 dB/100m

- **Minimum bending radius**

15x cable Ø

## Cable structure

### RGB-COAX-CY ... x0,37/1,5

- Inner conductor bare copper, solid, conductor Ø 0,37 mm
- Dielectric (insulation) of cell-Polyethylene
- Outer conductor of tinned copper wire braiding
- PVC-sheath in colour  
red, green, blue for 3xRGB COAX  
red, green, blue, white, black for 5xRGB COAX
- 3 or 5 Coax twisted with optimal lay-length
- Foil taping
- Overall braid-screening, tinned copper with optimal surface coverage and drain-wire
- PVC-outer sheath, black

### RGB-COAX-CY 3x0,37/1,5 + 3x0,25

- Cable structure as per above, but with 3 additional control cores (3x0,25) in the interstices, colour brown, green, white

### RGB-COAX-(St)Y ... x0,6/3,7 (deviation)

- Inner conductor, bare copper, solid, conductor Ø 0,6 mm
- Outer conductor of tinned or bare copper wire braiding
- Foil taping
- Plastic coated aluminium foil and drain wire
- Outer sheath of PVC, green or black

## Properties

- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers.

## Application

RGB cables are suitable for the transmission of both analogue and digital video signals.

They are used particularly as connecting cables for data systems, engineering applications (CAD, high-definition graphics) and in television studios. The three main signals (red, green, blue) are transmitted separately. Depending on the application, it is possible to supply the base cable with further coaxial cables or with symmetrical signal cores for the intensity and horizontal or vertical synchronisation.

### RGB-COAX-CY ... 0,37/1,5

| Part no. | No. RGB-Coax<br>n x mm  | Outer Ø<br>approx.<br>mm | Cop.<br>weight<br>kg / km | Weight<br>approx.<br>kg / km |
|----------|-------------------------|--------------------------|---------------------------|------------------------------|
| 40145    | 3 x 0,37/1,5            | 7,2                      | 23,0                      | 59,0                         |
| 40147    | 3 x 0,37/1,5 + 3 x 0,25 | 8,2                      | 60,5                      | 89,0                         |
| 40146    | 5 x 0,37/1,5            | 9,0                      | 36,0                      | 89,0                         |

### RGB-COAX-(St)Y ... 0,6/3,7

| Part no. | No. RGB-Coax<br>n x mm | Outer Ø<br>approx.<br>mm | Cop.<br>weight<br>kg / km | Weight<br>approx.<br>kg / km |
|----------|------------------------|--------------------------|---------------------------|------------------------------|
| 40148    | 3 x 0,6/3,7            | 16,0                     | 66,0                      | 278,0                        |
| 40149    | 5 x 0,6/3,7            | 19,0                     | 102,0                     | 397,0                        |

Dimensions and specifications may be changed without prior notice. (RM01)

