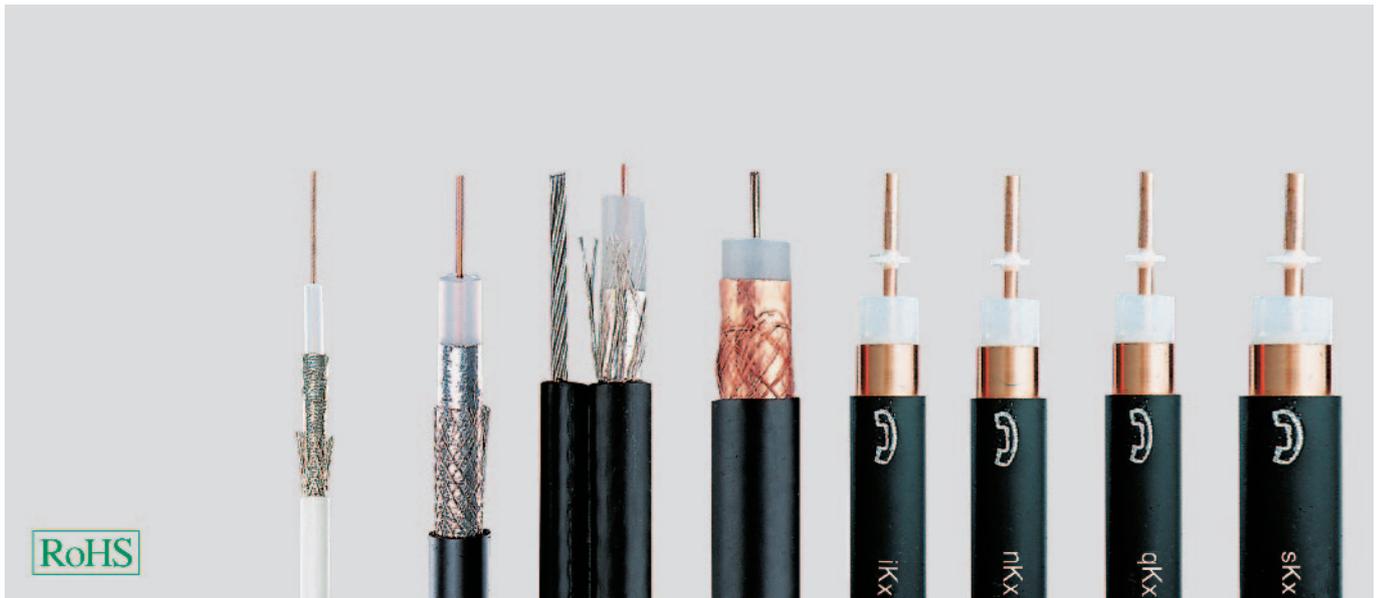


CATV-Cables with alu- or copper foil and braiding



| used as Type | 0.7/4.4 ALG | Underground 1.1/7.3 ALG | Outdoor span 1.1/7.3 ALG-T | Underground 1.8/11.5 FG | Underground A-2YK2Y1 iKx 1.1/7.3 | Underground A-2YOK2Y1 nKx 2.2/8.8 | Underground A-2YOK2Y1 qKx 3.3/13.5 | Underground A-2YOK2Y1 sKx 4.9/19.4 |
|--|--|--|--|-------------------------|----------------------------------|-----------------------------------|------------------------------------|------------------------------------|
| Part No. | 40135 | 40139 | 40140 | 40141 | 40142 | 40143 | 40144 | 40179 |
| Cable structure | | | | | | | | |
| Inner conductor ø mm | 0,7 Copper, bare | 1,1 Copper, bare | 1,1 Copper, bare | 1,8 Copper, bare | 1,1 Copper, bare | 2,2 Copper, bare | 3,3 Copper, bare | 4,9 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 | no | no | no | no |
| Outer jacket | PVC | PE | PE | PE | PE | PE | PE | PE |
| Colour | white | black | black | black | black | black | black | black |
| Approx. outer ø mm | 6,6 | 10,5 | 10,5 x 17,7 | 15,0 | 11,0 | 12,5 | 17,0 | 24,4 |
| Min. bending radius ca. mm | 35 | 100 | 150 | 150 | 160 | 200 | 300 | 400 |
| Strain/suspending wire N | - | - | 5500,0 | - | - | - | - | - |
| Approx. weight kg/km | 44 | 98 | 177 | 218 | 142 | 183 | 347 | 500 |
| Electrical characteristics | | | | | | | | |
| Impedance (Ohm) | 75 ± 3 | 75 ± 3 | 75 ± 3 | 75 ± 3 | 75 ± 2 | 75 ± 2 | 75 ± 1 | 75 ± 1 |
| Approx. capacitance pF/m | 67,0 | 67,0 | 67,0 | 67,0 | 65,0 | 51,0 | 51,0 | 50,0 |
| Propagation velocity v/c | 0,66 | 0,66 | 0,66 | 0,66 | 0,66 | 0,88 | 0,88 | 0,89 |
| Attenuation at 20°C (dB/100m) | | | | | | | | |
| 100 MHz | 9,0 | 5,2 | 5,2 | 3,5 | 5,4 | 2,8 | 1,9 | 1,3 |
| 200 MHz | 12,0 | 7,3 | 7,3 | 7,3 | 7,9 | 4,0 | 2,7 | 1,9 |
| 500 MHz | 21,2 | 12,6 | 12,6 | 9,0 | 12,9 | 6,6 | 4,4 | 3,1 |
| 800 MHz | 27,5 | 16,8 | 16,8 | 12,0 | 17,3 | 8,4 | 5,7 | 4,1 |
| 950 MHz | 30,5 | 18,8 | 18,8 | 13,0 | 18,9 | 9,3 | 6,3 | 4,4 |
| 1350 MHz | 37,0 | 23,0 | 23,0 | - | - | - | - | - |
| 1750 MHz | 43,0 | 27,7 | 27,7 | - | - | - | - | - |
| 2050 MHz | 47,5 | 30,2 | 30,2 | - | - | - | - | - |
| Structural return loss min. (dB) between | | | | | | | | |
| 50 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 | - | - | - | - |
| Direct-current resistance at 20°C | | | | | | | | |
| Inner conductor max. Ohm/km | 47,0 | 18,5 | 18,5 | 7,3 | 22,0 | 5,6 | 2,5 | 1,0 |
| Outer conductor max. Ohm/km | 23,0 | 11,0 | 11,0 | 6,5 | 3,1 | 3,0 | 2,0 | 1,0 |
| Screening efficiency (dB) | | | | | | | | |
| 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 |
| Post office approved | G670009A | G670011A | G622015B | G622010B | - | - | - | - |

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.
- AL**=Aluminium, **ALPR**=Polyesterfoil coated with Aluminium on both sides
- BK-cable**=bandwidth communication cable, **Cu**=Copper, **CuR**=Cu-tube welded, **CuW**=Copperweld, **F**=Foil, **G**=Braid, **PE**=Polyethylene, **PEH**=Polyethylene air-space insulation, **PVC**=Polyvinylchloride