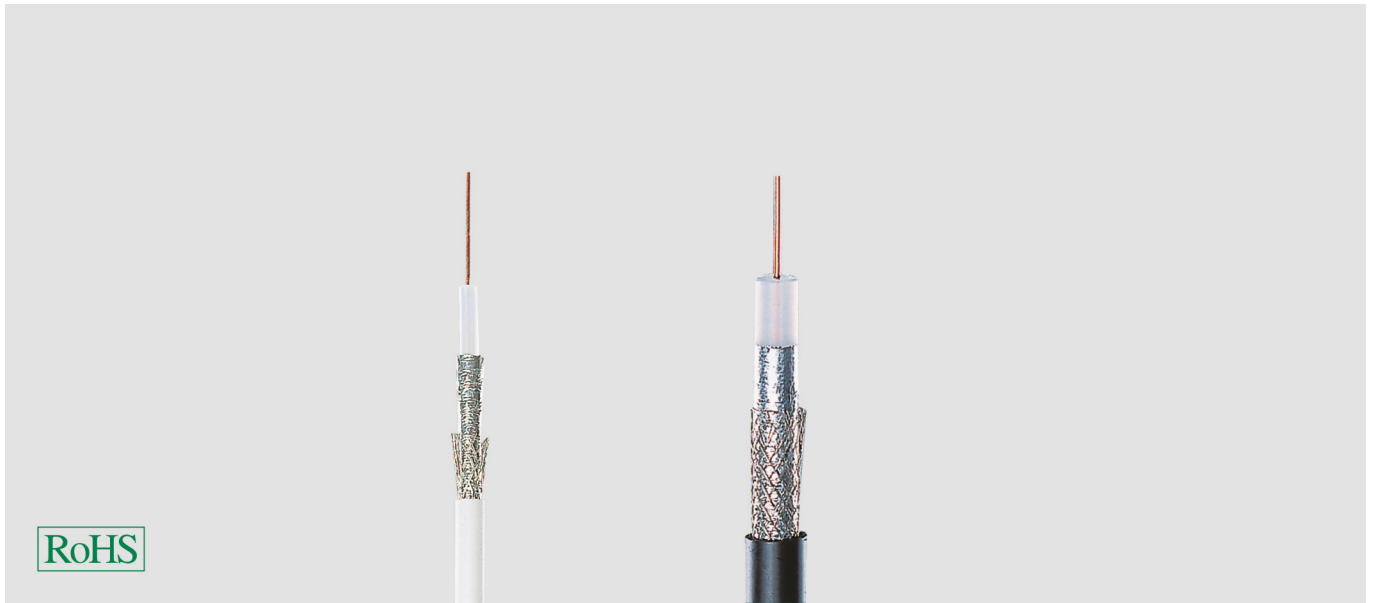


CATV-Cables with alu- or copper foil and braiding



used as Type	0.7/4.4 ALG	Underground 1.1/7.3 ALG
Part no.	40135	40139
Cable structure		
Inner conductor Ø mm	0,7 Copper, bare	1,1 Copper, bare
Insulation Ø mm	4,4 PE	7,3 PE
Outer conductor	Polyester foil coated with aluminium on both sides Braid	Polyester foil coated with aluminium on both sides Braid
Outer sheath	PVC	PE
Sheath colour	white	black
Outer Ø app. mm	6,6	10,5
Min. bending radius app. mm	35	100
Strain/suspending wire N	-	-
Weight app. kg / km	44	98
Electrical characteristics		
Impedance (Ohm)	75 ± 3	75 ± 3
Capacitance pF/m	67	67
Propagation velocity v/c	0,7	0,7
Attenuation at 20°C (db/100m)		
100 MHz	9	5,2
200 MHz	12	7,3
500 MHz	21,2	12,6
800 MHz	27,5	16,8
950 MHz	30,5	18,8
1350 MHz	37	23
1750 MHz	43	27,7
2050 MHz	47,5	30,2
Structural return loss min. (dB) between		
30 and 300 MHz	30	32
300 and 600 MHz	30	32
600 and 960 MHz	25	30
960 and 1750 MHz	23	27
DC resistance at 20°C		
Inner conductor max.Ohm/km	47	18,5
Outer conductor max.Ohm/km	23	11
Screening efficiency (dB)		
50 and 100 MHz≥	75	80
100 and 500 MHz≥	75	85
500 and 1000 MHz≥	75	85
1000 and 2050 MHz≥	75	78
Post office approved	G670009A	G670011A

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