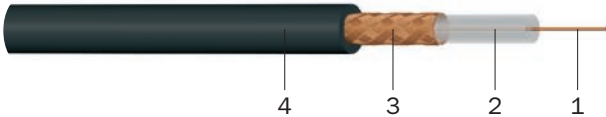


# CATV-subscriber cables

## Application:

For the low loss transmission of high frequency signals in antenna and CATV-facilities.



## Construction:

- 1 Several inner conductor materials (see below)
- 2 Insulation (PE resp. foam skin PE)
- 3 Several outer conductor materials (see below)
- 4 Sheath (PE resp. PVC)



## Temperature range:

During installation: min. 0 °C

Operating temperature:

- PE-sheath -30 °C to +70 °C
- PVC-sheath -20 °C to +70 °C



## Bending radius (min.):

35 mm

50 mm (only 1.6/7.3)

### Electrical data

Type designation		0.7/4.8 F	0.7/4.8 F PE	1.13/4.8 AF	1.6/7.3 AF
Loop resistance	(Ω)	60.0	60.0	60.0	40.0
Mutual capacitance, max.	(pF/m)	67	67	52	55
Attenuation at 100 MHz	(db/100 m)	7.8	7.8	5.6	4.2
Attenuation at 500 MHz	(db/100 m)	18.6	18.6	13.1	9.8
Impedance	(Ω)	75 ± 3	75 ± 3	75 ± 2	75 ± 2
<b>Conductor material</b>					
Diameter	(mm)	0.7	0.7	1.1	1.6
Inner conductor		Cu	Cu	Cu	Cu
Outer conductor					
1. braiding		Cu tape	Cu tape	Al/PET laminated tape	Al/PET laminated tape
2. braiding		Cu braiding	Cu braiding	Cu braiding	Cu braiding
Insulation material		PE	PE	foam skin PE	foam skin PE
Sheath material		PVC	PE	PVC	PVC/PE

Type	Outer diameter (mm) appr.	Cu-value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
<b>CATV-subscriber cables</b>					
0.7/4.8 F	6.8	27.0	50	500 Sp, 1000 Sp	a.A.
0.7/4.8 F PE	6.8	27.0	50	500 Sp, 1000 Sp	a.A.
1.13/4.8 AF	6.8	18.5	50	500 Sp	a.A.
1.6/7.3 AF	10.0	34.3	85	1000 Sp	a.A.

Subject to technical changes. All figures are therefore without guarantee.