



PVC

sale

## digital SAT antenna cables

## 1.1/4.8 - PVC

- SAT (analog/ digital) + CATV
- broadband coverage (100% foil + braid)
- screening class A (>85 dB screening attenuation)

This low-attenuation 75 Ω subscriber cable has shielding effectiveness of over 90 dB, corresponding to shielding class A, and is used for transmitting analogue and digital SAT and CATV signals. The solid copper inner conductor has a diameter of 1.13 mm and is enclosed in a physically foamed PE dielectric medium. Dual screening is provided by an Al-coated foil layer and a braided tinned copper shield. The cable is available with a halogenfree, flame-retardant FRNC outer jacket.

## construction

inner conductor	tinned bare copper, Ø 1.13 mm
insulation	Foam-Skin PE, gas injected, Ø 4.8 mm
shielding	AL-PET-AL foil + tinned copper braid
braid coverage	80 %
overall diameter	6.8 mm

## mechanics

min. bending radius	35 mm
working temperature	-20°C / +70°C

## electric

characteristic impedance	75 Ω ± 2%
velocity of propagation	85 %
DC resistance	
outer conductor	10 Ω/km
screening attenuation	
100 - 900 MHz	> 90 dB
attenuation [dB/100m]	
50 MHz	3.8
230 MHz	8.3
470 MHz	12.3
860 MHz	17.1
1000 MHz	18.5
1350 MHz	21.7
1750 MHz	25.1
2000 MHz	27.3
2150 MHz	28.2
2400 MHz	30.2
return loss	
30 - 300 MHz	> 36 dB
300 - 900 MHz	> 33 dB
900 - 2150 MHz	> 28 dB

order code	outer jacket	working temperature	cable color	weight kg/m
SA11DY	PVC	-20°C / +70°C	white	0.05

technical specifications are subject to change