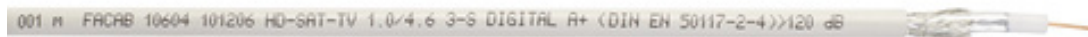


# Coaxial cable FABER<sup>®</sup> SAT 1,0/4,6



**Application:** For the connection of satellite-TV or BC-TV components.

screening acc. to EN 50117 A+, return loss (dB): 28 dB

## Construction and technical data:

<b>CPR-performance:</b>	Dca / Eca
<b>Halogen-free:</b>	yes
<b>Permitted outer cable temperature, fixed, °C:</b>	-5 - +70 °C
<b>Bending radius, fixed installation:</b>	7 x Ø
<b>Impedance:</b>	75 Ohm

*The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.*

## Attenuation at 20 °C

f (MHz)	D (dB/100 m)
100	4.5
300	9.6
450	12.4
800	18.4
1000	22.3
1350	25.0
1750	29.6
2050	33.3
2500	36.0

**FABER<sup>®</sup> SAT 1,0/4,6**

<b>inner conductor material:</b>	copper, solid, bare
<b>Inner conductor diameter, mm:</b>	1 mm
<b>Insulation:</b>	foam-PE
<b>Suitable for HD/digital:</b>	yes
<b>Minimum bending radius:</b>	7 x Ø
<b>Operating temperature:</b>	5 - 70 °C
<b>Impedance, ohm:</b>	75 Ohm
<b>Capacity:</b>	55 nF/km
<b>Screening efficiency:</b>	115 dB
<b>Velocity factor:</b>	0.85 v/c
<b>DC-resistance inner conductor:</b>	22 Ohm/km
<b>DC-resistance outer screen:</b>	17 Ohm/km

part no.	part name	Ø [mm]	Cu [kg/km]	G [kg/km]
100616	FABER® SAT 1,0/4,6 DIGITAL 4-S >105 dB 75 Ohm WS	7	25	48
101206	FABER® HD-SAT-TV 1,0/4,6 DIGITAL 3-S >115 dB WS mit klebender Folie	7	17	46
101362	FABER® HD-SAT-TV 1,0/4,6 DIGITAL 3-S >115 dB SW halogenfrei, mit klebender Folie	7	17	46

Ø | outer diameter approx.

Cu | Copper weight (GER)

G | net weight