

SAT/BK-Coaxial Cables

for digital-tv / satellite-receivers, screened, halogen-free



used as Type	inner 1,1/5,0 FRNC	inner/outer 1,1/5,0 FRNC	inner 1,6/7,0 FRNC
Part no.	40019	40021	40020
Cable structure			
Inner conductor Ø mm	1,1 Copper, bare	1,1 Copper, bare	1,6 Copper, bare
Insulation Ø mm	4,8 Cell PE, foamed	4,8 Cell PE, foamed	7,1 Polyethylene, foamed
Outer conductor	ALPR-FG	ALPR-FG	ALPR-FG
1st Screen - ALPR	foil	foil	foil
2nd Screen - Cu-Braid	Braid	Braid	Braid
Outer sheath	FRNC	FRNC	FRNC
Sheath colour	white	black	white
Outer Ø app. mm	6,8	6,8	10,0
Min. bending radius app. mm	48	48	60
Weight app. kg / km	47	47	110
Electrical characteristics			
Impedance (Ohm)	75 ± 2	75 ± 2	75 ± 2
Capacitance pF/m	53	55	53
Propagation velocity v/c	0,8	0,8	0,8
Attenuation at 20°C (db/100m)			
100 MHz	4,7	4,9	3,8
200 MHz	7	7,2	5,5
450 MHz	11,5	11,6	8,6
800 MHz	17	-	12,1
1000 MHz	18,1	18,9	13,2
1750 MHz	25	26,6	17,5
2050 MHz	27,3	28,2	19
2250 MHz	28	29,5	19,9
2400 MHz	29,3	31,9	22,5
Structural return loss min. (dB) between			
30 and 300 MHz	25	40	25
300 and 600 MHz	18	40	18
600 and 960 MHz	17	35	17
960 and 1750 MHz	15	30	15
DC resistance at 20°C			
Inner conductor max.Ohm/km	18	18	9
Outer conductor max. Ohm/km	14	14	21
Max. nominal voltage (V)	-	-	-
Screening efficiency (dB)			
50 and 100 MHz ≥	90	95	90
100 and 500 MHz ≥	90	95	90
500 and 1000 MHz ≥	90	95	90
1000 and 2050 MHz ≥	90	95	90
Copper weight kg/km	25,0	25,0	50,5

Dimensions and specifications may be changed without prior notice.