

TELLU SUPERTRUNK COAXIAL CABLE for CATV-networks, EN50117-2-3
CONSTRUCTION


Inner conductor	Copper wire	Ø 5.7 mm
Dielectric	Cellular polyethylene	Ø 23.0 mm
Outer conductor	Corrugated copper tube	Ø 25.0 mm
Sheath	See Jacketing Options table below	Ø 28.0 mm
Marking	Draka, cable type, manufacture week, year and metre mark	

ELECTRICAL CHARACTERISTICS at +20°C

Characteristic impedance	75 ± 2 Ω
Return loss for	
- 30 - 470 MHz	26 dB
- 470 - 860 "	21 dB
Attenuation	see table
Velocity factor	0.87
Capacitance	51 pF/m

MECHANICAL CHARACTERISTICS

Weight	638 kg/km
Maximum pulling force	2700 N
Crush strength	2500 N/100 mm
Minimum bending radius	
- single bending	210 mm
- repeated bending	420 mm
Operating temperature range	-55...+80°C
Minimum installation temperature	see table below

ATTENUATION

Frequency MHz	Attenuation (max) ambient temperature 20°C dB/100 m
68	0.95
108	1.21
174	1.55
230	1.81
300	2.09
400	2.44
470	2.67
606	3.08
790	3.58
860	3.75
1750	5.69
2050	6.25

JACKETING OPTIONS

TYPE	JACKET	EN 50267-1 EN50267-2-1 EN50267-2-2 Halogen free, non corrosive	EN 50268-1 EN 50268-2 low smoke emission	EN50266-1 EN50266-2-4 fire retardant	UV retardancy	Min. installation temperature
TELLU SUPERTRUNK	Black, halogen free polyethylene	yes	no	no	yes	-20°C (-40°F)
TELLU SUPERTRUNK GHF	Grey, halogen free fire retardant thermoplastic	yes	yes	yes	no	-5°C (-4°F)
TELLU SUPERTRUNK BHF	Black, halogen free fire retardant thermoplastic	yes	yes	yes	yes	-5°C (-4°F)