

TELLU 3 ARM UNDERGROUND COAXIAL CABLE for CATV-networks, EN50117-2-3

CONSTRUCTION



Inner conductor	Copper wire	Ø 4.2 mm
Dielectric	Cellular polyethylene	Ø 17.6 mm
Outer conductor	Corrugated copper tube	Ø 19.1 mm
Inner sheath	Black HD polyethylene	Ø 23.1 mm
Armouring	Two helically lapped steel tapes	
Outer sheath	Black HD polyethylene	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	810 kg/km
Maximum pulling force	2000 N
Minimum bending radius	
- single bending	210 mm
- repeated bending	420 mm
Operating temperature range	-55...+80°C
Minimum installation temperature	-10°C

ATTENUATION

Frequency MHz	Attenuation (max) ambient temperature 20°C dB/100 m
68	1.24
108	1.59
174	2.04
230	2.38
300	2.74
400	3.21
470	3.52
606	4.05
790	4.71
860	4.95
1750	7.50
2050	8.25