

**TELLU 5 ARM UNDERGROUND COAXIAL CABLE for CATV-networks, EN50117-2-3**

**CONSTRUCTION**



Inner conductor	AlCu wire	Ø 2.8 mm
Dielectric	Cellular polyethylene	Ø 11.8 mm
Outer conductor	Corrugated copper tube	Ø 13.1 mm
Inner sheath	Black HD polyethylene	Ø 16.5 mm
Armouring	Two helically lapped steel tapes	
Outer sheath	Black HD polyethylene	Ø 21.0 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	436 kg/km
Maximum pulling force	1000 N
Minimum bending radius	
- single bending	160 mm
- repeated bending	320 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	1.84
108	2.34
174	3.00
230	3.48
300	4.01
400	4.68
470	5.11
606	5.87
790	6.80
860	7.13
1750	10.7
2050	11.7