

**TELLU 7 ARM UNDERGROUND COAXIAL CABLE for CATV-networks, EN50117-2-3**

**CONSTRUCTION**



Inner conductor	AlCu wire	Ø 1,7 mm
Dielectric	Cellular polyethylene	Ø 7.3 mm
Outer conductor	Corrugated copper tube	Ø 8.2 mm
Inner sheath	Black HD polyethylene	Ø 11.0 mm
Armouring	Two helically lapped steel tapes	
Outer sheath	Black HD polyethylene	Ø 15.0 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	23 dB
- 470 - 860 "	18 dB
Attenuation	see table
Velocity factor	0.87
Capacitance	51 pF/m

**MECHANICAL CHARACTERISTICS**

Weight	261 kg/km
Maximum pulling force	600 N
Minimum bending radius	
- single bending	120 mm
- repeated bending	240 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	2.90
108	3.68
174	4.70
230	5.44
300	6.24
400	7.26
470	7.90
606	9.04
790	10.4
860	10.9
1750	16.0
2050	17.5