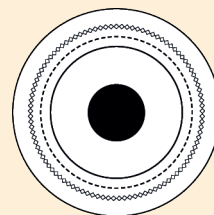


Aerial coax cable HF 300 underground cable

RoHS

CROSS SECTION



APPLICATION

Underground cable for MATV for direct underground installation.

STRUCTURE

Inner conductor	Ø 1.50 +/- 0.02 mm, bare copper wire
Insulation	Foamed polyethylene, diameter: (mm) 6.80 +/- 0.15 mm
Shield	Inner shield in Cu/PES compound, coverage: > 100%
Mesh	Tin-plated copper wires, coverage: 70%
Outer sheath	LDPE, diameter: 10.10 +/- 0.30 mm

SPECIAL FEATURES

Sheath colour
Black

TECHNICAL DATA

Wave resistance	75 +/- 3 Ohm	
Direct current resistance (Ohm/km)	Inner conductor < 10.5 Outer conductor < 16	
Capacity (pF/m)	52 +/- 3	
Attenuation (dB/100 m) at	10 MHz: 1.30	470 MHz: 9.50
	50 MHz: 2.90	860 MHz: 13.40
	100 MHz: 4.30	1000 MHz: 14.60
	230 MHz: 6.60	1350 MHz: 17.30
	300 MHz: 7.50	1750 MHz: 20.10
	400 MHz: 8.80	2050 MHz: 22.00
Return loss attenuation (dB)	5-470 MHz	> 23
	470-1000 MHz	> 20
	1000-3000 MHz	> 16
Shielding attenuation dB class A	30-1000 MHz	> 85
	1000-2000 MHz	> 75
	2000-3000 MHz	> 65

Product description	Cu weight	Outer Ø (mm)	Weight (kg/km)	Product number
SATLINE HF300 Underground cable	45.0	10.1	86	6260300