

MARINE COAX CABLE (Double Shielded)

RoHS



CABLE STRUCTURE

Inner Conductor	0,58 mm bare solid copper
Insulation	Solid Polyethylene compound
Screen 1	Aluminium/poleysther/aluminium tape
Screen 2	Copper wire braiding
Outer Sheath :	Halogen free flame retardant compound (SHFI)

TECHNICAL PROPERTIES

Overall diameter:	Ø 6,20 ± 0,20 mm
Cable Weight	65 kg/km
Min. Bending Radius	50 mm
Max. Tensile Strength	30 N
Operating Temperature	-20 °C / +70 °C
Screening Class	Class C
Construction	EN 50117 (MIL-C-17)
Flame Retardant	EN 60332-1-2, IEC 60332-3-24
Halogen Content	IEC 60754-1/2, IEC 60684-2
Smoke Emission	IEC 61034-1/2

ELECTRICAL PROPERTIES at 20°C

Max. Conductor Resistance	65,3 Ω / km
Min. Insulation Resistance	2 GΩ x km
Capacitance	67 ± 4 pF / m
Impedance	75 ± 3 Ω
Transfer Impedance at 5-30 Mhz	≤ 50 mΩ/m
Velocity of Propagation	66%
Test Voltage	5 kV
Operating Voltage	1000 V

Attenuations at 20°C

10 MHz	3.50 dB / 100m
50 MHz	7.40 dB / 100m
100 MHz	10.30 dB / 100m
200 MHz	14.80 dB / 100m
300 MHz	17.90 dB / 100m
500 MHz	23.80 dB / 100m
1000 MHz	34.60 dB / 100m
2500 MHz	58.90 dB / 100m

APPLICATIONS

These types of cables are used for antenna connections of CB, cordless systems and connection cables for terminals and systems of data transmission networks. These cables are Halogen Free, Non Corrosive and Flame retardant, thanks to the HFFR Compound that has been used on their construction.



FLAME RETARDANT



HALOGEN - FREE



LOW SMOKE



NO CORROSIVITY