

MARINE COAX CABLE  
(Triple Shielded)

**RoHS**



## CABLE STRUCTURE

<b>Inner Conductor</b>	7x0.75 mm stranded silver coated copper wire
<b>Insulation</b>	Solid Polyethylene compound
<b>Screen 1</b>	Aluminium/poleyster/aluminium tape
<b>Screen 2</b>	Silver coated copper wire braiding
<b>Screen 3</b>	Silver coated copper wire braiding
<b>Outer Sheath :</b>	Halogen free flame retardant compound (SHF1)

## TECHNICAL PROPERTIES

<b>Overall diameter:</b>	Ø 10,90 ± 0,20 mm
<b>Cable Weight</b>	228 kg/km
<b>Min. Bending Radius</b>	90 mm
<b>Max. Tensile Strength</b>	30 N
<b>Operating Temperature</b>	-20 °C / +70 °C
<b>Construction</b>	EN 50117 (MIL-C-17)
<b>Flame Retardant</b>	EN 60332-1-2, IEC 60332-3-24
<b>Halogen Content</b>	IEC 60754-1/2, IEC 60684-2
<b>Smoke Emission</b>	IEC 61034-1/2

## ELECTRICAL PROPERTIES at 20°C

<b>Max. Conductor Resistance</b>	6,0 Ω / km
<b>Min. Insulation Resistance</b>	2 GΩ x km
<b>Capacitance</b>	100 ± 3 pF / m
<b>Impedance</b>	50 ± 2 Ω
<b>Velocity of Propagation</b>	66%
<b>Test Voltage</b>	5 kV
<b>Operating Voltage</b>	1000 V

## Attenuations at 20°C

<b>10 MHz</b>	2.00 dB / 100m
<b>50 MHz</b>	4.30 dB / 100m
<b>100 MHz</b>	6.00 dB / 100m
<b>200 MHz</b>	8.20 dB / 100m
<b>300 MHz</b>	10.10 dB / 100m
<b>500 MHz</b>	13.50 dB / 100m
<b>1000 MHz</b>	20.30 dB / 100m
<b>2500 MHz</b>	37.40 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.

