



CABLE STRUCTURE

Inner Conductor	19 x 0,18 mm stranded tinned copper wire
Insulation	Solid Polyethylene compound
Screen	Tinned copper wire braiding
Outer Sheath	Halogen free flame retardant compound (SHFI)

TECHNICAL PROPERTIES

Overall diameter:	Ø 4,95 ± 0,20 mm
Cable Weight	45 kg/km
Min. Bending Radius	45 mm
Max. Tensile Strength	30 N
Operating Temperature	-20 °C / +70 °C
Construction	EN 50117-1 (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	38,5 Ω / km
Min. Insulation Resistance	1 GΩ x km
Capacitance	98 ± 4 pF / m
Impedance	50 ± 2 Ω
Velocity of Propagation	66%
Test Voltage	5 kV
Operating Voltage	1000 V

Attenuations at 20°C

10 MHz	4.70 dB / 100m
100 MHz	15.70 dB / 100m
200 MHz	23.00 dB / 100m
400 MHz	34.50 dB / 100m
1000 MHz	60.00 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. 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