

Cable Construction

Inner Conductor
Ø 1.40 mm Bare Copper

Insulation
Ø 3.80 mm Gas Injected
Skin/Foam/Skin PE

1. Shielding
Aluminum Foil
(Bonded to the Insulation)

2. Shielding
Tinned Copper Wire Braiding

Outer Sheath
Ø 6.00 mm HFFR*

Technical Properties

Cable Weight	45 kg/km
Copper Weight	14 kg/km
Min. Bending Radius	40 mm
Temperature Range	-30 °C ... +70 °C
Packing	500 / 1000 m

Electrical Properties

Impedance	50 ± 3 Ω
Capacitance	80 ± 2 pF/m
Velocity of Propagation	83 %
Insulation Resistance	> 2 GΩxkm
Operating Voltage	1500 V
Test Voltage	5 kV
Inner Conductor DCR	< 11.00 Ω/km

Attenuations (20°C)

30 MHz	4.75 dB/100m
50 MHz	5.90 dB/100m
150 MHz	10.00 dB/100m
220 MHz	12.10 dB/100m
450 MHz	17.20 dB/100m
900 MHz	24.75 dB/100m
1500 MHz	32.50 dB/100m
2000 MHz	38.00 dB/100m
3000 MHz	45.40 dB/100m
5800 MHz	72.30 dB/100m

Standards

EN 50117-9-2

Euro Class

E_{ca}

Flame Retardancy

EN 60332-1-2