

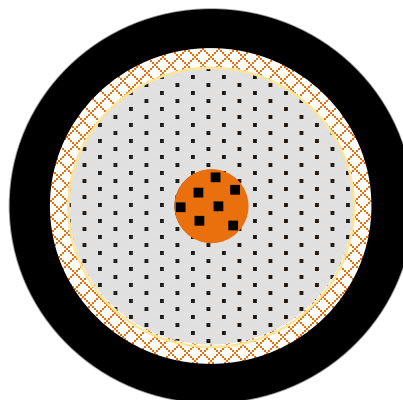
Coaxial Cables

Application

They are used as connection cables at wireless and data transmission systems.

Cable Design

Conductor	7x0,75 mm Ø Stranded Copper Conductor
Insulation	7,25 mm Ø Solid PE
Screen	90 % Coverage Electrolytic Copper Wires Braid,
Outer Sheath	EN 50290-2-27 HFFR Compaund
Outer Sheath Colour	RAL 9005 Black
Operating Voltage [V]	5 kV
Test Voltage [V]	10 Kv
Bending Radius [mm]	15XD
Temperature Range	-30°C~+70°C



Tests

Flame Retardant Test	IEC 60332-1-2; VDE 0482-332-1-2; EN 60332-1-2
Smoke Density Test	IEC 61034-2; VDE 0482-1034-2; EN 61034-2
Corrosive Gas Test	IEC 60754-2; VDE 0482-267-2-3; EN 50267-2-3
Halogen Free Test	IEC 60754-1; VDE 0482-267-2-1; EN 50267-3-1

Technical Characteristics

Products Code	Cross-Section	Impedance	Insulation Resistance	Capacity	Velocity of Propagation	Overall Diameter	Approx. Cable Weight
	mm	Ω	MΩxkm	pF/m	%	mm	kg/km
5501230125	RG-213/U HFFR	50 ± 3	2000	101± 2	66	10,15	134

Attenuation (20°C)

Frequency (MHz)						
100	200	400	700	900	1000	
Attenuation (dB / 100 m)						
6,75	10,3	15,3	21,8	25,75	27,6	

