

MWC 10/50 Ultra Flex

General Characteristics

Inner conductor	Stranded annealed bare copper	2,74	mm
Dielectric	Foamed gas injected polyethylene	7,25	mm
Outer conductor			
	First screen	Bonded Aluminium-Polyester Foil	
	Second screen	Braid of tinned copper wires	
		Diameter on the braid	8 mm
		Optical braid coverage	90%
Sheath	Polyethylene	10,2	mm
	Color:	Black	
	Legend	NORDIX - MWC-10/50 FLEX - MW COAXIAL CABLE - 50 Ohms - Lote N° - metros	
Net Weight	130,0	kg/km aprox.	
Temperature range	-40 °C +80°C		

Electrical Characteristics

Nominal velocity of propagation %		87,0
Insulation resistance		1,3
Capacitance	78,0	nF/Km
RDC Inner conductor	3,8	Ohm/Km
RDC Outer conductor	5,4	Ohm/Km

Impedance

75,0

Ohms

Attenuation

MHz	dB/100m max.	MHz	dB/100m max.
30,00	2,33	900,00	12,80
50,00	3,02	1000,00	13,53
100,00	4,09	1500,00	16,81
140,00	4,86	1800,00	18,55
144,00	4,93	1900,00	19,10
150,00	5,04	2000,00	19,64
200,00	5,84	2500,00	22,18
220,00	6,13	3000,00	24,52
300,00	7,20	3500,00	26,70
350,00	7,80	5800,00	35,48
432,00	8,70	6000,00	36,17