



Description

A tool-less wide band STP connector is to be used in the LexCom Home Network installation. The RJ45 WB Connector provides a Cat 6 link and is also capable of providing MATV signals up to 900 MHz.

The superior shielding characteristics are obtained by means of the copper and tin-plated die-cast zinc housing.

The LexCom WB connectors can be recognised by the white stuffer cap with its clear colour coding for termination of the LexCom Home WB cable.

The connector offers a high level of installation friendliness and always ensures a proper quality.

Technical information

Electrical and Technical Data

Bandwidth	0- 900 MHz (CATV)/0 – 250 MHz (cat 6)
Isolation	>500 MOhm/100V DC >1500 Vrms; Breakdown Voltage
Shielding Attenuation	>70 dB typ
Contact Resistance	<20 mOhm
IDC Resistance	<2.5 mOhm
Insulation	max. 1.3mm (cable conductors)
Insertion Loss	<0.025 dB @ 100 MHz
NEXT	-58 dB typ. @ 100 MHz -49 dB typ. @ 250 MHz
Impedance	100 Ohm nom.
Transfer Impedance	<0.25 m Ohm @ 1 MHz
Temperature, Ambient	-10°C +60 °C

Construction and Material Data

Material	Tin-plated die-cast zinc and PC/ABS	
Dimension	16.8 x 31.4 x 36.1 mm	
Weight	25.5 grams	
Colour	Metal/White	
Contacts	1.3 µm Gold (AU) over 1.0 µm Nickel (Ni)	
No. of Matings	Min 2500	
Conductor Ø	AWG 22-23 solid	
Quantity	1 pcs	10 pcs
	Size 9 x 9 cm	14.8 x 8.8 x 6.5 cm
Weight	26 g	0.3 kg