

Digitek BNC Male Connector suit RG6 Coaxial Cable Model: 12E6

The Digitek 12E6 BNC connector uses a solder centre pin for the coaxial cable centre conductor and a crimp ferrule for the outer braid and jacket. It is suited for RG6 coaxial cable.



Electrical Data

Impedance	75Ω
Frequency range	DC to 1GHz
VSWR	≅ 1.35 (DC to 1GHz)
Insertion loss	≅ 0.1 x √f(GHz)dB
Insulation resistance	≅ 5000MΩ
Contact resistance inner conductor	≅ 1.5mΩ
Contact resistance outer conductor	≅ 1mΩ
Dielectric withstanding Voltage (at sea level)	1500 V rms
Working voltage (at sea level)	500 V rms

Mechanical Data

Recommended coupling nut torque	0.6 to 2.5 inch lbs
Coupling nut retention force	≅ 101.2 lbs
Contact captivation-axial	≅ 6.1 lbs
Durability (mating)	≅ 5 00
Body	Brass/Gold
Insulator	Teflon
Spring	SK5
Centre Pin	Brass/Gold
Ferrule	Brass Gold
Suit Cable	RG6

Environmental Data

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

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