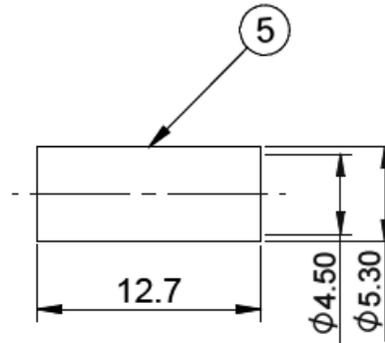


Recommended Crimping Dimensions for Ferrule



Recommended Cable Stripping Dimensions

Electrical :

Impedance : 75 ohm
 Voltage Rating : ≥ 500 Vrms. (depending on cable)
 Insulator Resistance : ≥ 5 Gohm
 Dielectric Withstanding Voltage : 1500 Vrms .
 Contact Resistance : Center Contact ≤ 1.5 mohm .
 Outer Contact ≤ 1.0 mohm .

Mechanical :

Mating : Bayonet Coupling.
 Recommended Mating Torque : 0.6-2.5 lbs
 Coupling Nut Retention Force : ≥ 101.2 lbs

Environmental :

Temperature Range : -65°C to 165°C
 Corrosion (Salt Spray) : MIL-STD-202, Method 101, Cond. B
 Thermal Shock : MIL-STD-202, Method 107, Cond. B
 Mechanical Shock : MIL-STD-202, Method 213, Cond. G
 Vibration : MIL-STD-202, Method 204, Cond. B

Finish [Unit of Plating Thickness Is in Micro Inch(μ)]

- 1.Nickel Plating Thk. : 50 μ "min. (Under Plating)
- 2.Gold Plating Thk. : 2 μ "max. (Over Finish 1)

6	Cap	Brass	Finish 1
5	Ferrule	Brass	Finish 1
4	Shell	Brass	Finish 1
3	Inner Contact	Brass	Finish 1/2
2	Insulator	PTFE	White
1	Body	Brass	Finish 1
Item	Description	Material	Finish

ISSUE	CHANGE	DATE
1.2	Data chg to 75 Ohm	22/09/21
1.1	Data removed	10/08/21
1.0	Origin	10/08/21
Origin	K Page	10/08/21
Drn.	K. Page	22/09/21
Chkd.		
Dwg. No.	XBT-1072-NGBA	

TITLE	6GHz BNC 75 Ohm R/A Plug, Crimp Type for 1855A Cable
RoHS Compliant	Cambridge Electronic Industries Ltd Denny Industrial Centre, Waterbeach, Cambs. CB25 9QR Tel: 01223 860041