

General Description

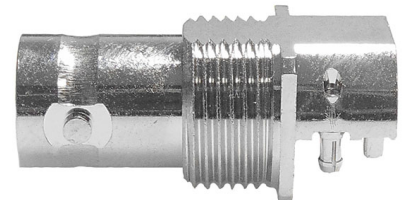
With a light weight construction and flat top surface this 12 GHz surface mount BNC Coaxial Connector is specifically designed to aid automated placement techniques universally adopted in volume production processes. This End Launch Surface Mounting BNC connector from Cambridge Electronic Industries facilitates transmission rates over a single channel of up to 12Gbits/s thus permitting significantly increased wiring densities.

This connector is available as:
XBS-12-EL16-NNHP as a connector only part
XBS-12-EL16-NNHP-AA supplied with Hex Nut & Washer



Electrical

Impedance		75Ω
Frequency Range		0-12GHz
Working Voltage		500Vrms
Reflection Factor (VSWR)		1.21 (max) 0-6GHz 1.52 (max) 6-12GHz
Dielectric Withstanding Voltage		1500Vrms
Insulation Resistance		≥5000MΩ
Contact Resistance	Centre Contact	≤ 1.5mΩ
	Outer Contact	≤ 2.5mΩ

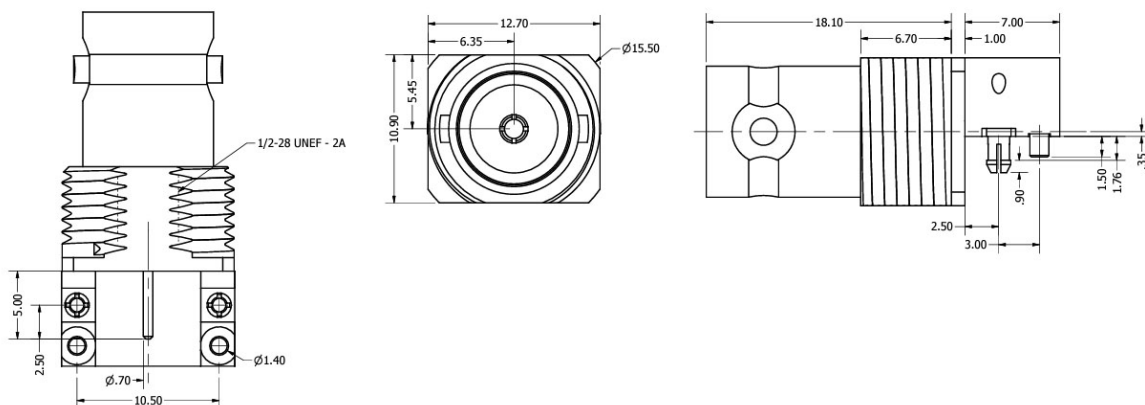


Materials

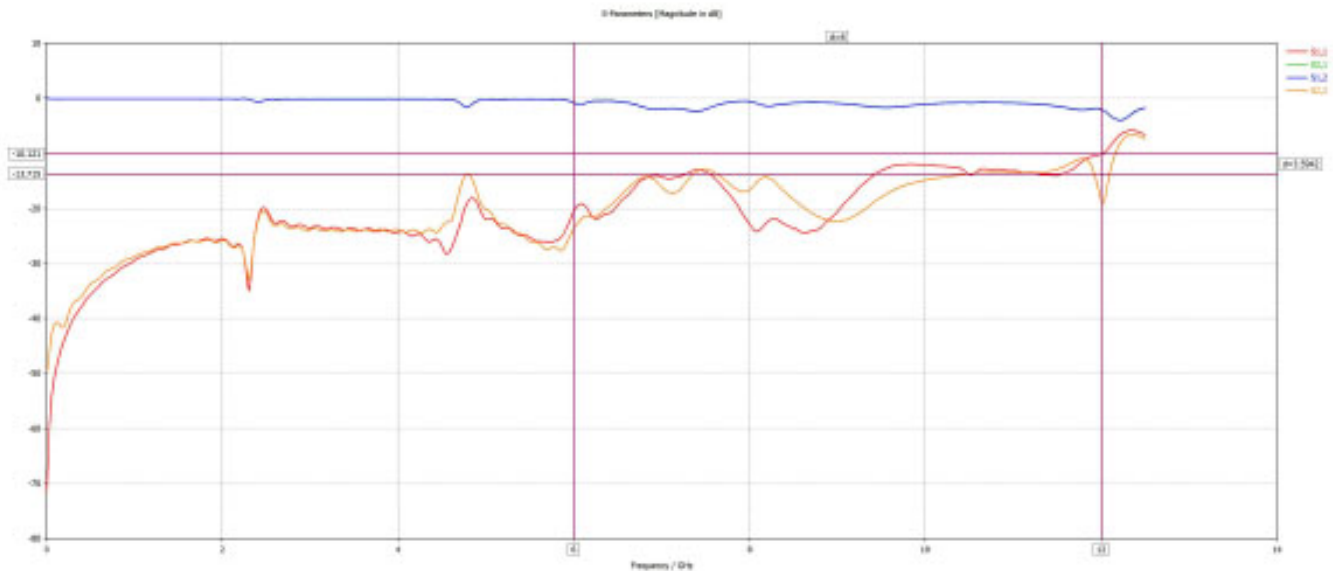
Centre Pin	PhosBronze / 10 μ"Au
Metal Parts	Brass/Ni
Insulators	PTFE

Environmental

Connector Type	BNC Female
Temp Range	-65 to +85°C
Mating Cycles	500



Return Loss Graph



PCB Layout and Panel Cutout

