

6GHz BNC Coaxial Connectors

Top Entry PCB Mounted BNC Bulkhead Socket

Part Number C-SX-145

General Description

The C-SX-145 is a top entry PCB mounted BNC bulkhead connector, which is part of the precision 75Ω range. The connector is optimised for 6G HD—SDI applications and meets the SMPTE ST-2081 standard allowing up to 6Gbit/s per over a single channel. The connector is supplied with circular nut and washer.

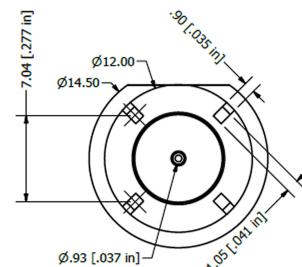
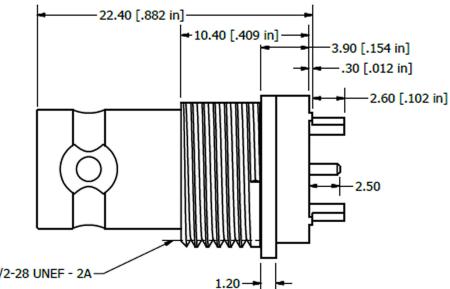
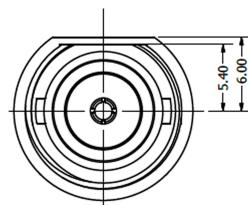


Electrical Specification

Impedance:	75Ω
Frequency Range:	0-6GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor (VSWR):	1.04 ^(max) DC - 3GHz 1.09 ^(max) 3 - 6GHz
Contact Resistance:	Centre contact 1.5mΩ Outer contact 1.0mΩ
Insulation Resistance:	>5000MΩ
Connector Type:	Female
Materials	
Centre Pin:	Phosphor Bronze / 10 μAu
Metal Parts:	Brass / Ni
Insulators:	UL94 HB TPX
Environmental	
Temp Range:	-65 to +85°C
Mating Cycles:	250
Processing	
Maximum wave and hand soldering temperature	265°C

Features

- Optimised for 6G HD-SDI Environments
- Meets SMPTE ST-2081 standard



6G SDI

CoaxVision™

