

6GHz BNC Coaxial Connectors

Top Entry Bulkhead BNC Connector

Part Number C-SX-111

General Description

The C-SX-111 is a top entry, four pin, bulkhead mounting BNC connector. This BNC connector is suitable for high speed video applications such as 6G HD- SDI digital broadcast and CoaXPress machine vision.



Electrical Specification

Impedance: 75Ω
 Frequency Range: 0-6GHz
 Working Voltage: 500Vrms
 Dielectric Withstanding Voltage: 1500Vrms
 Reflection Factor (VSWR):
 1.03^(max) DC - 1.5GHz
 1.12^(max) 1.5 - 3GHz
 1.24^(max) 3 - 6GHz
 Contact Resistance: Centre contact 1.5mΩ
 Outer contact 1.0mΩ
 Insulation Resistance: >5000M Ω
 Connector Type: Female

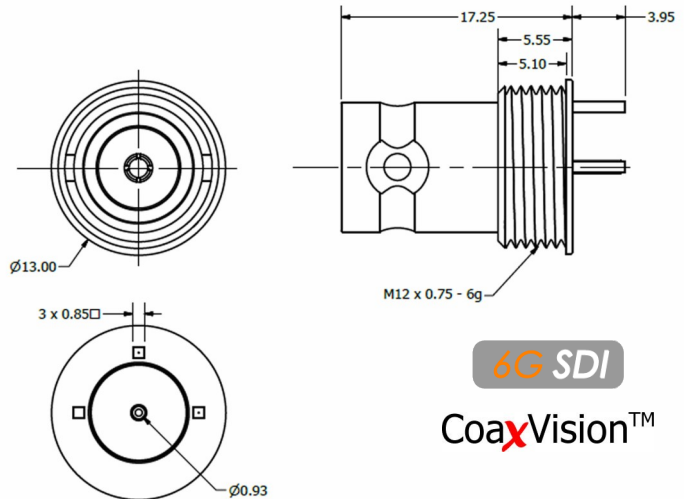
Materials
 Centre Pin: Phosphor Bronze / 10 μAu
 Metal Parts: Brass / Ni
 Insulators: PTFE

Environmental
 Temp Range: -65 to +85°C
 Mating Cycles: 500
 Vibration: MIL-STD-202 Method 204 test conditions B
 MIL-STD-202 Method 101 test conditions B

Salt Spray:
 Processing
 Maximum wave and hand soldering temperature 265°C

Features

- Precision 6GHz 75Ω BNC Connector
- Four Pin Mounting
- Optimised for 6G HD-SDI



6G SDI

CoaXVision™

