

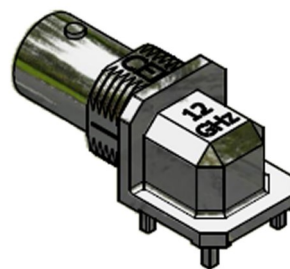
12GHz BNC Coaxial Connectors

Right Angle PCB Surface Mounting BNC Bulkhead Socket

Part Number C-SX-166

General Description

Our range of 12GHz Precision BNC coaxial connectors are optimised for 4K/Quad HD and Ultra HD Broadcast applications and have been developed under the CoaxVision™ Brand name, while meeting the J1A CoaXPress specification. These high performance connectors allow you to achieve a 12GHz channel in one single connection. The BNC connectors are mateable with any standard BNC connector, but to achieve optimum performance we recommend using Cambridge Connectors 12GHz CoaxVision™ BNC Connectors in both halves. The C-SX-166 connector is a right angle PCB surface mounting bulkhead connector and is supplied with a circular nut and washer.



12GSDI

CoaxVision™

Features

- Precision 12GHz 75 Ω BNC Connector
- Optimised for 4K/Quad HD and Ultra HD Broadcast Applications
- One single connection for each 12GHz Channel
- Precision 75 Ω BNC patch leads also available

Electrical Specification

Impedance:	75Ω
Frequency Range:	0-12GHz
Working Voltage:	500Vrms
Dielectric Withstanding Voltage:	1500Vrms
Reflection Factor (VSWR):	1.11 ^(max) DC - 6GHz 1.21 ^(max) 6GHz - 12GHz
Contact Resistance:	Centre contact 1.5mΩ Outer contact 1.0mΩ
Insulation Resistance:	>5000M Ω
Connector Type:	Female
Materials	
Centre Pin:	Phosphor Bronze/10 μ"Au
Metal Parts:	Die Cast Zinc/Ni
Insulators:	PTFE
Environmental	
Temp Range:	-65 to +85°C
Mating Cycles:	250
Processing	
Maximum wave soldering temperature	265°C

