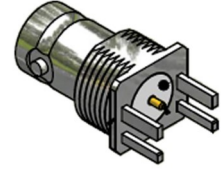


12GHz BNC Coaxial Connectors PCB Edge Mounting BNC Socket Part Number C-SX-139 (for 1.9mm PCB)

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-141 connector is a PCB edge mounting BNC socket for PCB thicknesses of 1.9mm and is supplied with nut and washer.



Electrical Specification

Impedance:	75Ω
Frequency Range:	0-12GHz
Working Voltage:	250Vrms
Dielectric Withstanding Voltage:	750Vrms
Reflection Factor (VSWR):	1.12 ^(max) DC - 12GHz
Contact Resistance:	Centre contact 4.0mΩ Outer contact 2.5mΩ
Insulation Resistance:	>5000M Ω
Connector Type:	Female

Materials

Centre Pin:	Phosphor Bronze/10 μ" Au
Metal Parts:	Brass/Ni
Insulators:	PTFE

Environmental

Temp Range:	-65 to +85°C
Mating Cycles:	250+

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

