

6GHz F-Type Coaxial Connectors

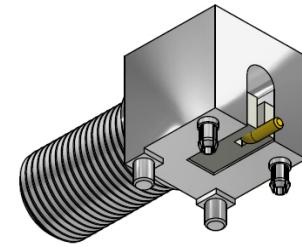
Right Angle Surface Mount F Type Socket

Part Number C-SX-215

General Description

This precision 75Ω F Connector is a right angle mounted PCB connector which is suitable for frequencies up to 6GHz. The connector is part of the 6G Coaxvision range and meets the SMPTE ST-2081 standard for 6Gbits/s over a single channel.

The C-SX-215 is a right angled F Type connector which is part of our Rapid ConneXions range which have been optimised for machine placement. The connector features a surface mounted pin and locking posts and is designed for a board thickness of 1.6mm. As a specialist connector design house we can offer other board thicknesses if required.

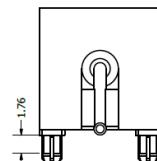
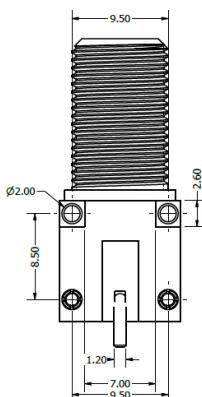
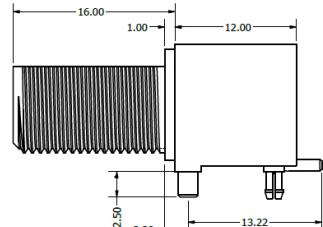
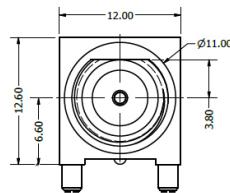


Features

- Precision 75Ω F Type Connector
- Designed for HD SDV applications

Electrical Specification

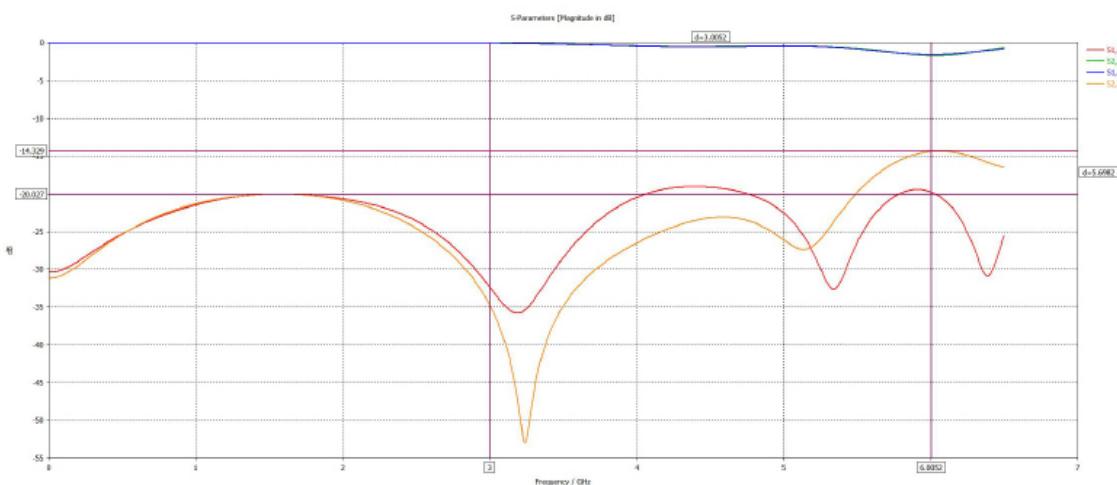
Impedance:	75Ω
Frequency Range:	0-6GHz
Working Voltage:	250Vrms
Dielectric Withstanding Voltage:	750Vrms
Reflection Factor (VSWR):	1.23(max)0 - 3.2GHz 1.48(max)3.2 - 6GHz
Connector Type:	Female
Materials	
Centre Pin:	PhosBronze / 10 μ "Au
Metal Parts:	Brass/Ni
Insulators:	PTFE
Environmental	
Temp Range:	-20 to +85°C
Mating Cycles:	200
Mating Centre Conductor Diameter:	0.76-1.07mm
Processing	
Insertion Force	>8N
Maximum reflow and hand soldering temperature	260°C, with 300s dwell time



Rapid
ConneXions

6G SDI

Return / Insertion Loss Graph Inc PCB element



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