

AMP QSL RF Connector System

Description:


- Coaxial Cable Insulation
Displacement Interface
- Low profile
 - Highly reliable ruggedized interface
 - Surface mount technology
 - Excellent price-to-performance ratio

Applications:

- PCI, Mini PCI, PCI Express
- Mobile Antenna / GPS / Radio Systems
- PDA / PCS / Handheld applications
- Wireless Communications systems
- Satellite Communications, Broadcast, Multimedia
- Automotive Telematics
- WiFi, WiMAX
- Broadcast / Set Top Box
- WNIC Cards

Key Features:

- Surface Mount Compatible
- RoHS Compliant (Lead-free SMT process (260° C) compatible)
- PCI / PCI Express Compatible
- Designed for RG 174 & RG 316 Cable
- 3 port QSL footprint
- 12.5mm D x 17.5mm W
- 10mm x 10.6mm max. footprint (w/o panel extension)
- IP67 compatible designs available upon request
- Platform expandable for multiple ports and configuration options
- Overall Height < 10mm

 This product is RoHS compliant.

PCB RECEPTACLES

Specifications :

- Impedance: 50 Ohms
- Rated voltage: 60 VAC (rms)
- Rated Current per Port: 5 A max.
- Operating Temperature: -40°C to + 85°C

- Durability: 500 cycles
- Conforms to the requirements of EIA/ECA-364-1000.01A (controlled environment applications)

 RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	Price Each		
				1	5	10
571-2032605-1	2032605-1	A	Three Port Receptacle	10.78	10.09	9.43
571-1274824-2	1274824-2	B	Three Port Flange Receptacle	10.78	10.09	9.43

QSL CONNECTOR MATED PAIR VSWR TEST BOARDS

 RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	Price Each		
				1	5	10
571-2032605-1	2032605-1	C	Test dongle, QSL to SMA	49.41	47.71	46.54
571-2016008-1	2016008-1	D	Test board with Receptacle, QSL to UMCC	37.13	35.85	34.97
571-1513743-1	1513743-1	E	Test board with Receptacle, QSL to SMA	99.07	95.48	93.07

PIGTAIL CABLE PLUG ASSEMBLIES

 RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	Length M (Ft.)	Price Each		
					1	5	10
571-2015518-1	2015518-1	F	Three port without flange	.08 (2.62)	7.76	7.48	7.29
571-2053075-1	2053075-1	G	Three port with flange	.08 (2.62)	7.66	7.39	7.21

3 PORT CABLE PLUG WITH ANTENNA MODULE ASSEMBLY

3-Port 802.11 a/b/g/n and WiMax QSL Antenna Assembly Specifications :

- Frequency Range (MHz): 2300 - 2700; 3300 - 3800; and 4900 - 5875
- Upper Hemisphere: 0 dB1 @ 2.4GHz
- Average Gain: -3dBi @ 5GHz
- Return Loss: > -8.5dB
- VSWR: < 2.2:1
- Operating Temp.: -40°C to 70°C
- Polarization: Vertical Linear
- Power Handling: 10 Watts max.
- Feed Point impedance: 50Ω
- Size: 100.18mm x 91.75mm x 23.65mm
- Weight: 130 grams

Triple Dipole 802.11 a/b/g/n Antenna Assembly Specifications:

- Frequency Range (GHz): 2.4 - 2.4835; 4.9 - 5.875 GHz
- Azimuth Gain at connector (Ave.): -2 dBi @ 2.4 GHz; -4dBi@5 GHz
- Return Loss: < -10 dB
- VSWR: <2.0:1
- Operating Temp.: -40°C to 70°C
- Polarization: Vertical
- Power Handling: 10 Watts max.
- Feed Point impedance: 50Ω
- Size: 95mm X 85mm
- Weight: 180 grams

 RoHS Compliant

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	AMP Part No.	Fig.	Description	Price Each		
				1	5	10
571-1513712-1	1513712-1	H	Antenna Assembly with flange	24.15	20.76	18.35
571-1513711-1	1513711-1	H	Antenna Assembly without flange	23.00	19.75	17.48
571-1513837-1	1513837-1	I	MIMO Triple Dipole	24.05	23.50	22.87

