



Ordering Information

Cable Mount Connectors

2.2-5 Connectors for 0.141", RG-402, Times Tflex 402, Belden 1673A Cable

Part Number	Description
225-100J-52S	4-Hole Panel Mount Jack
225-101P-52S	Straight Plug
225-104J-52S	Straight Jack
225-106P-52A	Right-Angle Plug
225-108J-52S	Straight Bulkhead Jack

2.2-5 Connectors for 0.086" and RG-405 Cable

Part Number	Description
225-102J-52S	4-Hole Panel Mount Jack
225-103P-52S	Straight Plug
225-105J-52S	Straight Jack
225-107P-52A	Right-Angle Plug
225-109J-52S	Straight Bulkhead Jack

Coaxial Adapters

Part Number	Description
AD-4310J225P-1	2.2-5 Plug to 4.3-10 Jack
AD-4310P225J-2	2.2-5 Jack to 4.3-10 Plug
AD-716J225P-1	2.2-5 Plug to 7-16 Jack
AD-716P225J-1	2.2-5 Jack to 7-16 Plug
AD-NJ225P-1	2.2-5 Plug to N-Type Jack
AD-NP225J-1	2.2-5 Jack to N-Type Plug

Overview

Amphenol RF's line of 2.2-5 connectors are a compact version of the previously released 4.3-10 connector series, with a 53% smaller footprint. This connector series is lightweight and has a robust design which makes them ideal for both indoor and outdoor applications.

The 2.2-5 connector series is designed to meet the needs of applications which require low PIM in order to avoid interference in network quality during high speed data transmission. These connectors offer telecommunications and wireless service providers the ability to build powerful mobile networks with low interference over a wide range, in addition to enabling a wide variety of other applications.

Features and Benefits

- Excellent low PIM performance
- Lightweight, compact design
- IP68 NEMA rated when mated
- Ideal for outdoor applications

Applications

- Small Cells
- Mobile Networks
- Distributed Antenna Systems (DAS)
- Low Power Base Stations
- In-Building Architecture
- MIMO Antennas
- Test & Measurement

Amphenol RF

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Danbury, CT 06810

For more information visit www.amphenolrf.com
or call 800.627.7100

Amphenol® RF

Technical Specifications

Electrical

Impedance	50 Ω	
Frequency Range	DC - 20 GHz	
Dielectric Withstanding Voltage	1500 VRMS	
PIM (Passive Intermodulation)	- 166 dBc @ 2 x 20 W	
Return Loss	Interface	DC-3 GHz: 38 dB, 3-6 GHz: 36 dB
	Cable Connector (typ)	DC-4 GHz: 33 dB, 4-6 GHz: 30 dB
Power Handling	250 W (2 GHz) @ 40°C	

Mechanical

Mating Cycles	100 Min
Recommended Torque (Screw Type)	3 Nm

Environmental

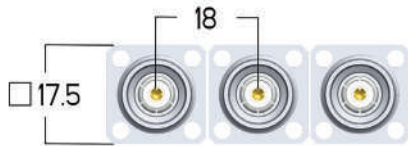
Temperature Range	-40°C to +85°C
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Materials

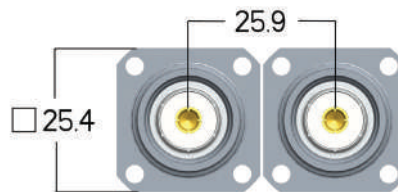
Body	Brass, Albaloy Plating
Insulator	PTFE, Natural
Inner Contact	Beryllium Copper, Silver Plating
Outer Contact	Beryllium Copper, Albaloy Plating

Size Comparison

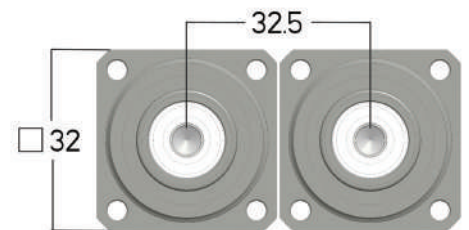
2.2-5 Series



4.3-10 Series



7-16 Series



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