

SMA M RA RP CRIMP for RG58/RG142/LMR195/LMR200 Cable

P/N: AT3S3D-6D2

Product Feature:

- Connector Type : SMA
- Polarity : Reverse Polarity
- Gender : Male/Plug
- Geometry : Right Angle (90°)
- Termination Style : Crimp
- Cable: RG58/RG142/LMR195/LMR200
- Application : General Purpose/Telecom etc

The **SMA Male Right Angle Reverse Polarity (RP) Crimp Connector for RG58, RG142, LMR195, and LMR200 cables** is a high-quality RF connector designed for reliable signal transmission in compact installations. Its **right-angle structure** minimizes cable stress and saves space, while the **reverse polarity design** ensures compatibility with specific **wireless and networking devices**.

Widely used in Wi-Fi systems, antennas, telecom equipment, RF communication, GPS devices, and testing applications, this connector provides **low signal loss, secure connectivity, easy crimp installation, and durable performance** for demanding industrial and commercial RF environments.



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 6	GHz
VSWR	≤ 1.20	@DC-3 GHz
	≤ 1.30	@3-5 GHz
Insertion Loss	≤ 0.2	@DC-4 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 1.0	kVrms (at sea level)
Inner Conductor Resistance	≤ 3.0	m Ω
Outer Conductor Resistance	≤ 2.0	m Ω
Power Handling	350	W @1GHz
RF Leakage	≤ -60	dB @1GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Brass	Gold
Outer Conductor/Body	Brass	Gold
Coupling Nut	Brass	Gold
Ferrule	Copper Alloy	Nickel
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Fastening Type	1/4-36	-
Contact Captivation	≥ 27	N
Coupling Nut Retention Force	≥ 270	N
Cable Type Compatibility	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-50 ~ 125	°C
Compliance	ROHS	-