

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

P/N: AT3S1D-6D2

### Product Feature:

- Connector Type : SMA
- Polarity : Reverse Polarity
- Gender : Male/Plug
- Geometry : Straight
- Termination Style : Crimp
- Cable: RG58/RG142/LMR195/LMR200
- Application : General Purpose/Telecom etc

The **SMA Male Reverse Polarity (RP) Crimp Connector for RG58, RG142, LMR195, and LMR200 cables** is a reliable RF connector designed for secure and stable **high-frequency signal transmission**. Built for excellent durability and low signal loss, it is widely **used in wireless networking, Wi-Fi antennas, telecom systems, routers, RF communication devices, GPS equipment, and testing applications**. The **reverse polarity design enhances compatibility** with specific wireless devices, while the crimp-type installation ensures **strong cable retention, easy assembly**, and consistent RF performance in demanding industrial and commercial environments.



### Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	$\Omega$
Frequency Range	DC ~ 6	GHz
VSWR	$\leq 1.15$	@DC-3 GHz
	$\leq 1.25$	@3-5 GHz
Insertion Loss	$\leq 0.2$	@DC-4 GHz
Insulation Resistance	$\geq 5000$	M $\Omega$
Dielectric Withstanding Voltage	$\geq 1.0$	kVrms (at sea level)
Inner Conductor Resistance	$\leq 3.0$	m $\Omega$
Outer Conductor Resistance	$\leq 2.0$	m $\Omega$
Power Handling	350	W @1GHz
RF Leakage	$\leq -60$	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	-