

SMA M RA CLAMP for LMR400/RG8/RG213/RG393 Cable

P/N: AT3S3C-6E

Product Feature:

- Connector Type : SMA
- Polarity : Standard
- Gender : Male/Plug
- Geometry : Right Angle (90°)
- Termination Style : Clamp
- Cable: LMR400/RG8/RG213/RG393
- Application : General Purpose/Telecom etc

The **SMA Male Right Angle (RA) Clamp Connector for LMR400, RG8, RG213, and RG393 cables** is a durable RF connector designed for high-performance signal transmission in demanding applications. Its **right-angle design** allows convenient installation in tight spaces while reducing cable bending stress. Built for **low signal loss and reliable connectivity**, it is **widely used in telecom systems, antennas, wireless communication, RF testing, military equipment, and industrial applications**. The clamp-type construction provides **strong cable retention, easy assembly, and long-lasting performance** across a wide range of high-frequency 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/Nickel
Coupling Nut	Brass	Gold/Nickel
Back Nut	Brass	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	LMR400/RG8/RG213/RG393 Cable	-
Operating Temperature	-50 ~ 125	°C
Compliance	ROHS	-

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