

BNC M RA CRIMP for LMR400/RG8/RG11/RG213/RG393 Cable

P/N: AT3B3D-4E

Product Feature:

- Connector Type : BNC
- Polarity : Standard
- Gender : Male/Plug
- Geometry : Right Angle (90°)
- Termination Style : Crimp
- Cable : LMR400/RG8/RG11/RG213/RG393
- Application : General Purpose/Telecom etc



The **BNC Male Right-Angle (RA) Crimp** connector for **LMR400, RG8, RG11, RG213, and RG393 cables** provides a robust, space-saving 90-degree interface for large-diameter, low-loss coaxial lines. Its precision crimp attachment ensures a high-strength, **vibration-resistant connection** with **excellent strain relief** for heavy-duty cables. Featuring a standard bayonet lock and high-conductivity contacts, it maintains **signal integrity** while reducing cable bend stress in tight enclosures. This connector is ideal for **high-power base stations, aerospace communication racks, vehicle-mounted RF systems, and industrial wireless infrastructure** where vertical clearance is limited.

Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 4	GHz
VSWR	≤ 1.15	@DC-2 GHz
	≤ 1.30	@2-4 GHz
Insertion Loss	≤ 0.2	@DC-4 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 1.5	kVrms
Inner Conductor Resistance	≤ 1.0	m Ω
Outer Conductor Resistance	≤ 0.25	m Ω
PIM	≤ -155	dBc @(2 \times 43dBm)
RF Leakage	≤ -55	dB @1GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Phosphor Copper	Gold
Outer Conductor/Body	Brass	White Bronze
Ferrule	Annealed Copper	Tri-Alloy
Fastening Nut	Brass	Tri-Alloy
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Contact Captivation	≥ 27	N
Coupling Nut Torque	7 - 28	Ncm
Coupling Nut Retention Force	≥ 450	N
Cable Type Compatibility	LMR400/RG8/RG11/RG213/RG393 Cables	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-