

BNC M RA CRIMP for RG58/RG142/LMR195/LMR200 Cable

P/N: AT3B3D-4D

Product Feature:

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

The **BNC Male Right-Angle (RA) Crimp** connector for **LMR200, RG142, LMR195, and RG58** cables provides a compact, 90-degree orientation for installations with limited depth. Its **crimp-style attachment** ensures a robust, vibration-resistant connection with **excellent strain relief** for thin, flexible coaxial lines. Featuring the standard bayonet locking mechanism and a **high-conductivity center contact**, it maintains reliable **signal integrity** in tight spaces. These connectors are ideal for **high-density wireless equipment, GPS modules, vehicle-mounted telematics, and internal cabinet wiring** where cable routing requires sharp turns without compromising RF performance.



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
Power Handling	300	W @1GHz
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	RG58/RG142/LMR195/LMR200 Cables	-
Operating Temperature	-40 ~ 85	°C
Compliance	ROHS	-