

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

P/N: AT3U3D-3D

Product Feature:

- Connector Type : UHF (PL-259)
- Polarity : Standard
- Gender : Male/Plug
- Geometry : Right Angle (90°)
- Termination Style : Crimp
- Cable : RG58/RG142/LMR195/LMR200
- Application : Military Communication /Telecom etc

The **UHF Male Right-Angle Crimp Connector** for **RG58 and LMR195 and LMR200 cables** is a specialized 50-ohm component designed for space-constrained RF installations. Its 90° configuration allows for low-profile connectivity, effectively reducing cable strain and preventing sharp bends in tight quarters. This connector is extensively used in **mobile radio dashboards, compact equipment racks, and vehicle-mounted antenna systems**. Its rugged design is ideal for **marine VHF radios, amateur radio setups, and industrial control panels** where rear clearance is limited, ensuring reliable signal integrity.



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 1	GHz
VSWR	≤ 1.15	@DC-500 MHz
	≤ 1.25	@500-1000 MHz
Insertion Loss	≤ 0.1	@DC-500 MHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 2.0	kVrms (at sea level)
Inner Conductor Resistance	≤ 5	m Ω
Outer Conductor Resistance	≤ 5	m Ω
Power Handling	≥ 500	W @1GHz
Shielding Effectiveness	≥ 60	dB @300 MHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Brass	Gold
Outer Conductor/Body	Brass	Tri-Alloy
Fastening Nut	Brass	Nickel
Ferrule	Brass	Nickel
Dielectric	PTFE	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Fastening Type	5/8-24 Threaded	-
Coupling Nut Torque	1.1	Nm
Coupling Nut Retention Force	≥ 450	N
Cable Type Compatibility	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-40 ~ 80	°C
Compliance	ROHS	-