

UHF F CRIMP for LMR400/RG8/RG11/RG213/RG393 Cable

P/N: AT3U2D-3E

Product Feature:

- Connector Type : UHF (SO-239)
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight
- Termination Style : Crimp
- Cable : LMR400/RG8/RG11/RG213/RG393
- Application : Military Communication /Telecom etc



The **UHF Female Crimp Connector** for **LMR400, RG8, RG11, RG213 and RG393 cables** is a high-performance RF component designed for the rapid and secure termination of large-diameter coaxial lines. Its **crimp-style termination** utilizes a heavy-duty ferrule to ensure a gas-tight mechanical bond and **excellent shielding**. This connector is widely utilized in **base station equipment racks, antenna system patch panels, and maritime communication hubs**. Its robust construction is ideal for **RF cable assemblies, lightning arrestor connections, and high-power amateur radio installations** where reliable signal continuity is essential.

Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 1	GHz
VSWR	≤ 1.10	@DC-500 MHz
	≤ 1.20	@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
Ferrule	Brass	Nickel
Dielectric	PTFE	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Fastening Type	5/8-24 Threaded	-
Cable Retention Force	≥ 450	N
Cable Type Compatibility	LMR400/RG8/RG11/RG213/RG393 Cable	-
Operating Temperature	-40 ~ 80	°C
Compliance	ROHS	-

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