

## UHF F CLAMP for LMR400/RG8/RG11/RG213/RG393 Cable

P/N: AT3U2C-3E

### Product Feature:

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

The **UHF Female (SO-239) Clamp Connector** for **LMR400, RG8, RG11, RG213 and RG393 cables** is a heavy-duty RF interface designed for high-power, large-diameter coaxial lines. Its **clamp-style termination** uses a compression nut and internal gaskets to create a **weatherproof, gas-tight seal without needing specialized crimping tools**, making it ideal for field repairs. This connector is widely utilized in **maritime communication systems, commercial broadcasting towers, and base station antenna feeders**. Its **robust, field-serviceable** design is perfect for **military-grade transceivers, industrial RF equipment, and remote wireless infrastructure** where long-term durability is essential.



### Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	$\Omega$
Frequency Range	DC ~ 1	GHz
VSWR	$\leq 1.10$	@DC-500 MHz
	$\leq 1.20$	@500-1000 MHz
Insertion Loss	$\leq 0.1$	@DC-500 MHz
Insulation Resistance	$\geq 5000$	M $\Omega$
Dielectric Withstanding Voltage	$\geq 2.0$	kVrms (at sea level)
Inner Conductor Resistance	$\leq 5$	m $\Omega$
Outer Conductor Resistance	$\leq 5$	m $\Omega$
Power Handling	$\geq 500$	W @1GHz
Shielding Effectiveness	$\geq 60$	dB @300 MHz



## Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Brass	Gold
Outer Conductor/Body	Brass	Tri-Alloy
Back Nut	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	-