

F F CRIMP for RG11 Cable

P/N: AT3F6C-3E

Product Feature:

- Connector Type : F Type
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight
- Termination Style : Crimp
- Cable : RG11
- Application : General Purpose/Telecom etc



The **F-Type Female Crimp Connector** for **RG11 cable** is a high-durability **75-ohm** RF component specifically engineered to handle the large diameter and heavy-duty nature of RG11 coaxial lines. Its robust **crimp termination** provides a high-strength mechanical bond and excellent shielding, making it **ideal for high-bandwidth**, long-distance signal transmission. This connector is primarily used in **CATV backbone distribution**, long-run satellite installations, and **broadband infrastructure**. Its rugged design is essential for **outdoor junction boxes**, **master antenna systems (MATV)**, and **commercial telecommunications** environments where maintaining **low signal attenuation** over extended distances is critical for video and data integrity.

Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	75	Ω
Frequency Range	DC ~ 3	GHz
VSWR	≤ 1.20	@DC-1.5 GHz
	≤ 1.30	@2-3 GHz
Insertion Loss	≤ 0.5	@DC-3 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 1.0	kVrms
Inner Conductor Resistance	≤ 10	m Ω
Outer Conductor Resistance	≤ 5	m Ω
Power Handling	~100	W @1GHz
RF Leakage	≤ -80	dB @1GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Brass	Tin
Outer Conductor/Body	Zinc	Nickel
Ferrule	Brass	Nickel
Dielectric	PTFE	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Fastening Type	3/8-32 Threaded	-
Cable Retention Force	≥ 90	N
Cable Type Compatibility	RG11 Cable	-
Operating Temperature	-40 ~ 60	°C
Compliance	ROHS	-