

## F M CRIMP for RG11 Cable

P/N: AT3F5C-3E

### Product Feature:

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

The **F-Type Male Crimp Connector** for **RG11 cable** is a heavy-duty RF component designed for **high-bandwidth, long-distance signal transmission**. Given the thick profile of RG11 coaxial cable, this connector features a robust body and a high-strength **crimp-style termination** to ensure a secure, weather-resistant mechanical bond. It provides a **stable 75-ohm impedance** and **excellent shielding** against interference. Key applications include **CATV distribution, domestic terrestrial, cable, and satellite TV installations, and broadband networks** where minimal attenuation is critical for delivering high-definition video and data services.



### Electrical Specifications

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



## Technical Data Sheet

<b>Material &amp; Plating</b>		
<b>Component</b>	<b>Material</b>	<b>Plating</b>
Center Conductor	Brass	Tin
Outer Conductor/Body	Zinc	Nickel
Fastening Nut	Brass	Tin
Dielectric	PTFE	-

<b>Mechanical &amp; Environmental Specifications</b>		
<b>Parameter</b>	<b>Value</b>	<b>Unit</b>
Durability (Matings)	≥ 500 min.	-
Fastening Type	3/8-32 Threaded	-
Nut Hex Size	7/16	Inch
Coupling Nut Torque	1.7	Nm
Cable Retention Force	≥ 90	N
Cable Type Compatibility	RG11 Cable	-
Operating Temperature	-40 ~ 60	°C
Compliance	ROHS	-