

F M CRIMP for RG58/RG142/LMR195/LMR200 Cable

P/N: AT3F5C-3D

Product Feature:

- Connector Type : F Type
- Polarity : Standard
- Gender : Male/Plug
- Geometry : Straight
- Termination Style : Crimp
- Cable : RG58/RG142/LMR195/LMR200
- Application : General Purpose/Telecom etc



The **F-Type Male Crimp Connector** for **RG58, RG142, LMR195, and LMR200 cables** is a high-reliability RF component designed to provide a secure 75-ohm interface for mid-sized coaxial cables. It features a robust **crimp-style termination** that ensures a gas-tight, **high-strength mechanical bond**, offering **superior shielding** against electromagnetic interference. This connector is commonly used in **professional video distribution, broadband networking, and RF signal monitoring** applications. Its durable construction and consistent performance make it an excellent choice for custom cable assemblies where a standard F-type connection is required **for high-frequency data and video transmission**.

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
Fastening Nut	Brass	Tin
Dielectric	PTFE	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
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	RG58/RG142/LMR195/LMR200 Cable	-
Operating Temperature	-40 ~ 60	°C
Compliance	ROHS	-