

F F 4H Panel Mount SOLDER

P/N: AT3F6P4-3

Product Feature:

- Connector Type : F Type
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight (4Hole Flange Type)
- Termination Style : Solder
- Soldered : To PCB or Cable
- Application : General Purpose/Telecom etc

The **F-Type Female 4-Hole Panel Mount Solder Connector** is a rugged **75-ohm** RF component designed for secure installation on enclosures and bulkheads. Its square **four-hole flange** ensures **maximum mechanical stability**, preventing rotation during frequent mating cycles, while the **solder-cup termination** provides a high-reliability internal connection. This connector is extensively used in **broadcast patch panels**, **telecommunications racks**, and **industrial control cabinets**. Its durable, chassis-grounded design is ideal for **laboratory test ports** and **outdoor junction boxes** requiring stable, **high-frequency signal distribution**.



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
Flange	Brass	Nickel
Dielectric	PTFE	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Fastening Type	3/8-32 Threaded	-
Mounting Style	4Hole Flange	-
Soldered on	PCB	-
Operating Temperature	-40 ~ 60	°C
Compliance	ROHS	-