

SMA F 2H panel Mount CRIMP for LMR100/RG174/RG316 Cable

P/N: AT3S2D2-6C

Product Feature:

- Connector Type : SMA
- Polarity : Standard
- Gender : Female/Jack
- Geometry : Straight (2Hole Flange Type)
- Termination Style : Crimp
- Cable : RG174/LMR100/RG316
- Application : General Purpose/Telecom etc

The **SMA Female 2-Hole Panel Mount Crimp Connector for RG174, RG316, and LMR100 cables** delivers high structural stability for sub-miniature coaxial assemblies. Its **2-hole flange** bolts flush against enclosure walls, completely absorbing mating torque and vibration to prevent cable pull-out. The rear crimp assembly provides **excellent mechanical retention and shielding termination** on thin cables. This configuration is widely **implemented in ruggedized defense communication modules, multi-channel RF test fixtures, base station infrastructure panels, commercial drone telemetry, and industrial wireless gateway housings.**



Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	Ω
Frequency Range	DC ~ 6	GHz
VSWR	≤ 1.15	@DC-3 GHz
	≤ 1.25	@3-5 GHz
Insertion Loss	≤ 0.2	@DC-4 GHz
Insulation Resistance	≥ 5000	M Ω
Dielectric Withstanding Voltage	≥ 1.0	kVrms (at sea level)
Inner Conductor Resistance	≤ 3.0	m Ω
Outer Conductor Resistance	≤ 2.0	m Ω
Power Handling	350	W @1GHz
RF Leakage	≤ -60	dB @1GHz



Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Brass	Gold
Outer Conductor/Body	Brass	Gold
Ferrule	Copper Alloy	Nickel
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Fastening Type	1/4-36	-
Contact Captivation	≥ 27	N
Cable Type Compatibility	RG174/LMR100/RG316 Cable	-
Operating Temperature	-50 ~ 125	°C
Compliance	ROHS	-