

## SMA M CRIMP for RG11 Cable

P/N: AT3S5D-6Z

### Product Feature:

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



This premium **SMA Male (M) straight crimp for RG11 Cable** connector is precision-engineered to provide a secure, low-loss termination for heavy-duty, thick RG-11 coaxial cables. Designed for high-frequency RF performance, its straight configuration ensures a direct, **low-reflection signal path, maximizing power transfer and minimizing insertion loss** over long cable runs. The robust crimp design delivers exceptional mechanical pull strength and high vibration resistance, making it perfect for long-term deployments. It is **widely used in broadband communication, CCTV networks, systems, satellite ground stations, cellular base infrastructure, and high-frequency RF test and measurement laboratories** requiring stable, long-distance signal distribution.

### Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	75	$\Omega$
Frequency Range	DC ~ 6	GHz
VSWR	$\leq 1.15$	@DC-3 GHz
	$\leq 1.25$	@3-5 GHz
Insertion Loss	$\leq 0.2$	@DC-4 GHz
Insulation Resistance	$\geq 5000$	M $\Omega$
Dielectric Withstanding Voltage	$\geq 1.0$	kVrms (at sea level)
Inner Conductor Resistance	$\leq 3.0$	m $\Omega$
Outer Conductor Resistance	$\leq 2.0$	m $\Omega$
Power Handling	350	W @1GHz
RF Leakage	$\leq -60$	dB @1GHz



## Technical Data Sheet

<b>Material &amp; Plating</b>		
<b>Component</b>	<b>Material</b>	<b>Plating</b>
Center Conductor	Brass	Gold
Outer Conductor/Body	Brass	Gold
Coupling Nut	Brass	Gold/Nickel
Ferrule	Copper Alloy	Nickel
Dielectric	Teflon/PTFE	-
Gasket	Silicone rubber	-

<b>Mechanical &amp; Environmental Specifications</b>		
<b>Parameter</b>	<b>Value</b>	<b>Unit</b>
Durability (Matings)	≥ 500 min.	-
Fastening Type	1/4-36	-
Contact Captivation	≥ 27	N
Coupling Nut Retention Force	≥ 270	N
Cable Type Compatibility	RG11 Cable	-
Operating Temperature	-50 ~ 125	°C
Compliance	ROHS	-