

## N M CRIMP for RG11 Cable

P/N: AT3N1D-6S

### Product Feature:

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

The **N Male Crimp Connector** for **RG11 Cable** is a heavy-duty RF component designed for high-performance, **low-loss signal transmission** over long distances. Featuring a precision **crimp termination**, it provides a secure and permanent mechanical bond, ensuring stable 50-ohm impedance for high-bandwidth applications. This connector is extensively used in **CATV trunk lines, broadband internet backbones, and satellite signal distribution**. Its rugged, nickel-plated construction and gold-plated center contact offer superior corrosion resistance and durability, making it a reliable interface for both indoor and outdoor **commercial telecommunications infrastructure**.



### Electrical Specifications

Parameter	Value	Unit
Characteristic Impedance	50	$\Omega$
Frequency Range	DC ~ 6	GHz
VSWR	$\leq 1.15$	@DC-3 GHz
	$\leq 1.20$	@3-5 GHz
Insertion Loss	$\leq 0.05$	@DC-5 GHz
Insulation Resistance	$\geq 5000$	M $\Omega$
Dielectric Withstanding Voltage	$\geq 2.5$	kVrms
Inner Conductor Resistance	$\leq 1.0$	m $\Omega$
Outer Conductor Resistance	$\leq 0.25$	m $\Omega$
PIM	$\leq -155$	dBc@(2 $\times$ 43dBm)
RF Leakage	$\leq -85$	dB @3GHz



## Technical Data Sheet

Material & Plating		
Component	Material	Plating
Center Conductor	Phosphor bronze	Gold
Outer Conductor/Body	Brass	Tri-Alloy
Coupling Nut	Brass	Nickel
Ferrule	Brass	Nickel
Dielectric	PTFE	-
Gasket	Silicone rubber	-

Mechanical & Environmental Specifications		
Parameter	Value	Unit
Durability (Matings)	≥ 500 min.	-
Coupling nut torque	25/30	Nm
Cable Type Compatibility	RG11 Cable	-
Operating Temperature	-40 ~ 85	°C
Ingress Protection (IP Rating)	IP67	-
Compliance	ROHS	-