

# LT-DINM-RG214

## 7/16(Din) Straight Male Connector Crimp For RG214 Cable

The Lamatel LT-DINM-RG214 is a DIN male connector engineered for use with RG214 coaxial cables. Designed for robust RF performance, it provides a secure and stable connection for high-power and high-frequency signal transmissions. This connector is commonly used in telecommunications, antenna systems, and industrial RF applications where durability and signal integrity are essential.

### Key Features

- DIN male connector compatible with RG214 coaxial cable
- High power handling capability for demanding RF applications
- Crimp-type termination for secure and reliable installation
- Robust metal housing ensures durability and longevity

### Specifications

Product Description		
LT-DINM-RG214		7/16(Din) Straight Male Connector Crimp For RG214 Cable
Material and Plating		
Center contact		Brass / Gold Plating
Outer contact & Body		Brass / Nickel Plating
Dielectric		PTFE
Gasket		Silicon Rubber
Nut		Brass / Nickel Plating
Electrical Characteristics		
Characteristics Impedance		50 Ohm
Frequency Range		DC~3GHz
Insulation Resistance		≥5000MΩ
Center contact resistance		≤0.4 mΩ
Outer contact resistance		≤0.2 mΩ
Dielectric Withstanding Voltage		4000V rms
Working voltage		2700V rms
Insertion Loss		0.10dB@DC~3GHz
VSWR	@DC~1.0GHz	≤1.15
	@1.0~3.0GHz	≤1.25
Environmental and Mechanical Specifications		
Durability (matings)		≥500 cycles
Mechanical Shock Test Method		MIL-STD-202, Method 213, Test Cond. G
Vibration Test Method		MIL-STD-202, Meth. 204, Cond. B
The Size of Crimp Tool		Hex.0.429 inch
Suitable cables		RG214
Temperature Range		-65°C to +165°C
RoHS		Compliant



### Applications

- Cellular base stations and antenna systems
- RF and microwave communication setups
- Broadcast transmission equipment
- Military and aerospace communication systems

