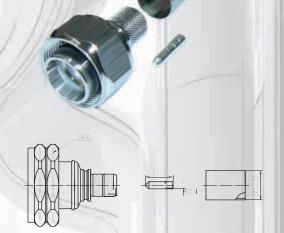
LT-DINM-RG214

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) Str	aight Male Connector Crimp For RG214 Cable
Material and Plating		
Center contact I		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 Mechan	nical Specificatio	ns
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

