



DIN Male LMR 240 Crimp | 123-14DM | 123e.com

Part Number: 123-14DM

The **DIN Male LMR-240 Crimp Connector (123-14DM)** is a high-performance coaxial connector specifically engineered for use with LMR-240 cables. Designed to provide reliable and durable connections, this DIN Male connector utilizes both crimp and solder techniques, ensuring strong mechanical and electrical performance across various RF and microwave applications. Its nickel-plated body and gold-plated center contact maximize corrosion resistance and signal fidelity, making it ideal for high-frequency setups.

Key Features:

- **Connector Type:** DIN Male, optimized for LMR-240 cable applications.
- **Installation Method:** Combines crimping and soldering for secure and stable connectivity.
- **Construction:** Nickel-plated body with gold-plated center contact for enhanced durability and minimal signal loss.
- **Impedance:** 50 Ohms, tailored for high-frequency and low-loss applications.
- **Frequency Range:** Supports frequencies up to 6 GHz, ideal for robust signal transmission in critical applications.
- **Applications:** Suitable for RF applications in cellular networks, radio communications, and antenna systems, where high-quality signal performance is essential.
- **Temperature Range:** Reliable operation between -40°C and +85°C, suitable for various environmental conditions.
- **Compliance:** RoHS compliant for environmentally responsible use.

Usage Scenarios:

This connector is perfect for installations where reliable performance and easy installation are crucial, such as in outdoor cellular networks or high-frequency antenna systems. The crimp and solder design ensures secure, stable connections while maintaining low signal attenuation, making it a trusted choice for professionals.

CROSS REFERENCE

Alternative To PE44994, 3777, TC-240-716M

PHYSICAL SPECIFICATIONS

Mating Cycles	500
Options	Field Installed
Connector A	Din (7/16)
Gender	Male
Inner Conductor	Phosphorus-Bronze Silver Plating
Insulation	PTFE

ELECTRICAL SPECIFICATIONS

Frequency Range	DC 0.8-3GHz
Impedance	50 ohms
Insertion Loss	0.05 dB
VSWR	1.15

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-55°C to 155°C
Weather Standard	IEC 60068 40 /085/22

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