

LT-PL259-LLC200

PL-259 UHF MALE FOR LMR200 CABLE W/ SHRINK

The LT-PL259-LLC200 is a reliable UHF Male (PL-259) Connector designed for LMR200 coaxial cables, ensuring secure connectivity and stable RF performance. With its threaded interface, it provides a firm and consistent connection, making it suitable for radio communication, amateur radio, CB systems, and low-frequency RF applications.

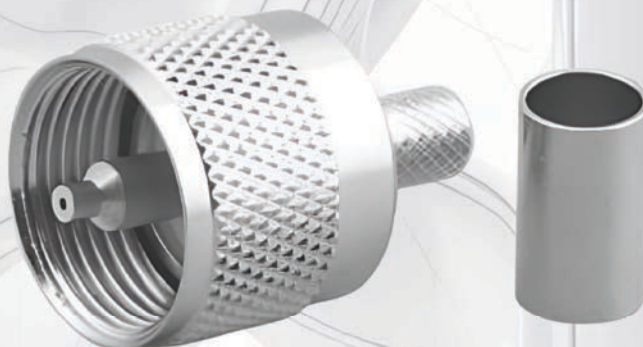
Built with durable materials and corrosion resistance, this connector delivers long-lasting performance in both indoor and outdoor setups, ensuring dependable signal transmission across a wide range of communication systems.

Key Features

- Designed for LMR200 coaxial cable
- Standard UHF Male (PL-259) interface
- Secure threaded connection for stability
- Low signal loss and reliable RF performance
- Durable, corrosion-resistant construction

Applications

- RF communication systems
- Antenna and wireless installations
- Broadcasting and transmission setups
- Laboratory and testing environments
- General-purpose RF cable terminations



Specifications

PART NUMBER	LT-PL259-LLC200
Description	PL-259 UHF MALE FOR LMR200 CABLE W/ SHRINK
Material and Plating	
Center contact	Brass / Gold Plating
Outer contact & BBooddy	Brass / Nickel Plating
Crimping sleeve	Copper / Nickel Plating
Dielectric	PTFE
Gasket	Silicon Rubber
Electrical Specifications	
Characteristics Impedance	N/A
Frequency Range	DC~450MHz
Insulation Resistance	$\geq 5000\text{M}\Omega$
Center contact resistance	$\leq 5.0\text{m}\Omega$
Outer contact resistance	$\leq 2.5\text{m}\Omega$
Dielectric Strength	$\geq 1500\text{V rms} / 50\text{Hz}$
Working voltage	$\geq 500\text{V rms} / 50\text{Hz}$
Environmental & Mechanical Specifications	
Durability (matings)	≥ 500 cycles
Mechanical Shock Test Method	MIL-STD-202, Method 213, Test Condition G
Vibration Test Method	MIL-STD-202, Meth. 204, Cond. B
Suitable Cable	LMR200
Temperature Range	-55°C to +155°C
RoHS	Compliant

