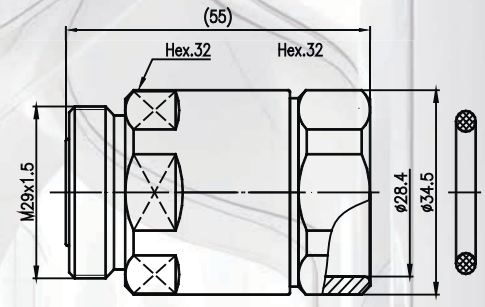
LT-DINF-78-C

DIN Female Connector for 7/8" RF Cable, Crimp Type

The LT-DINF-78-C is a high-performance DIN Female Connector specifically engineered for 7/8" coaxial cables. Designed for demanding RF applications, this connector ensures secure, low-loss signal transmission, making it ideal for telecommunication systems, broadcast infrastructures, and high-frequency industrial setups.

Its robust construction and precision threading offer excellent durability, reliable connectivity, and resistance to environmental stress, making it suitable for both indoor and outdoor installations.



Key Features

- Fits 7/8" coaxial cables
- Standard DIN female interface
- Low signal loss (VSWR optimized)
- Rugged and weather-resistant design
- Corrosion-resistant finish
- Quick and easy installation
- Strong shielding against interference
- Handles high power efficiently

Applications

- Telecommunications base stations
- Broadcast and antenna systems
- RF transmission lines and feeders
- Outdoor wireless communication setups
- Industrial high-frequency equipment
- Signal distribution networks in critical infrastructure

Specifications

LT-DINF-78-C		
Characteristic Impedance (Ω)	50 Ω	
Cut-Off Frequency	≤ 7.5 GHz	
Shielding Efficiency	≥ 115 dB	
Inner Conductor Resistance	≤ 0.40 mΩ	
Outer Conductor Resistance	≤ 0.20 mΩ	
Third-Order Intermodulation (IM3)	≤ –155 dBc	
Insertion Loss	≤ 0.08 dB	
Insulation Resistance	≥ 10,000 mΩ	
Dielectric Strength	3000 V	
VSWR	≤ 1.08	0.8 - 1.0 GHz
	≤ 1.10	1.7 - 2.5 GHz
Inner Conductor Pin	Brass / Silver Plating	
Inner Conductor	Tin Bronze / Silver Plating	
Insulator	PTFE / TPX	
Body & Outer Conductor	Brass / Trimetal Plating	
Gasket	Silicon Rubber	
Operating Temperature	–65 °C to +165 °C	
Storage Temperature	–65 °C to +165 °C	