

LT-DINM-7/8

DIN-Male Connector for 7/8" Cable | Crimp Type

The LT-DINF-7/8 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. The LT-DINF-7/8 delivers optimal VSWR performance, ensuring minimal signal reflection and maximum power efficiency in RF networks.



Key Features :

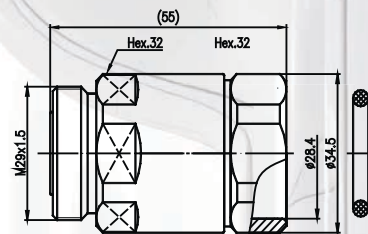
- Fits 7/8" coaxial cables
- Standard DIN female interface
- Low signal loss (VSWR optimized)
- Rugged and weather-resistant design
- Corrosion-resistant finish
- Quick and easy installation
- Strong shielding against interference
- Handles high power efficiently

Key Highlights :

- Designed for professional RF and telecom use
- Reliable performance in outdoor and harsh environments
- Ensures stable, low-loss signal transmission
- Ideal for high-power, high-frequency applications
- Built to meet industry standards for quality and durability

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-7/8		
Characteristic Impedance	Ω	50
Cut-Off Frequency	GHz	≤ 7.5
Shielding Efficiency	dB	≥ 115
Inner Conductor Contact Resistance	m Ω	≤ 0.40
Outer Conductor Contact Resistance	m Ω	≤ 0.20
IM3	dBc	≤ -155
Insertion Loss	dB	≤ 0.08
Insulation Resistance	m Ω	≥ 10000
Dielectric Strength	V	3000
VSWR	0.8 - 1.0 GHz	≤ 1.08
	1.7 - 2.5 GHz	≤ 1.10
Inner Conductor Pin		Brass / Silver Plating
Inner Conductor Socket		Tin Bronze / Silver Plating
Insulator		PTFE / TPX
Body & Outer Conductor		Brass / Trimetal Plating
Gasket		Silicon Rubber
Working Temperature Range	$^{\circ}\text{C}$	-65 ~ +165
Storage Temperature Range	$^{\circ}\text{C}$	-65 ~ +165

