

Low-Loss Foam Dielectric (LCF Series)

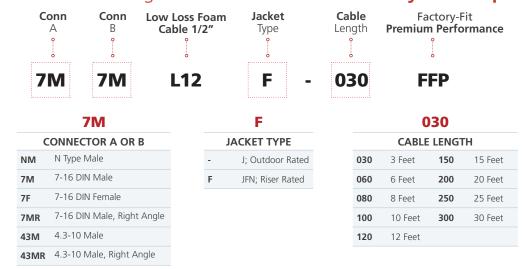
RFS Factory-Fit Jumper Assemblies

Technical Specifications		
Cable Type / Size		LCF, 1/2"
Jumper Type		Factory-Fit (Soldered)
Frequency Range, MHz		400-6000
Center Contact Connector		Brass, silver plated
Outer Contact Connector		Brass, tri-metal plated
Coupling Nut Connector		Hexagon nut, nickel plated
Dielectric		PTFE
Gasket		Silicone rubber
Jacket Material	JFN	Halogen free, non corrosive, flame retardant, low smoke, polyolefin
	J	Halogen free black polyethylene
Jacket Specifications	JFN	Meets/Exceeds: IEC60754-1, -2; IEC60332-1, -3.C; UL1581; UL1666; NEC type CATVR
Return Loss, dB		-24
Minimum Bend Radius, mm (in)		125 (5)
Installation Temperature, °C (°F)		-25 to 60 (-13 to 140)
Operation Temperature, °C (°F)		-50 to 85 (-58 to 185)
Storage Temperature, °C (°F)		-70 to 85 (-94 to 185)
Sealing Class		IP68
VSWR		1.065 @ 410-470 MHz 1.065 @ 698-1000 MHz
(other frequencies		1.065 @ 1710-1990 MHz
available upon request)		1.065 @ 2000-2200 MHz 1.083 @ 2200-2700 MHz

PIM Performance	
Connector Style	Intermodulation, 3rd Order, dBc
N Type	-155
7-16 DIN / 4.3-10	-159

- Stable premium VSWR, outstanding and consistent intermodulation performance Improved network performance, reduces the number of dropped calls and avoids revenue loss
- Specially designed factory-installed connectors
 Provides superior mechanical and electrical, long-life performance
- Serialized product label
 Ensures traceability
- Outdoor-rated jackets meet the most stringent industry standards
- Price Effective Solution
 - Costs significantly less than buying cable and loose connectors
 - Save time on the project, eliminate the need for specialized training or tools
- Waterproof to IP68, per IEC 60529-1
 Assured performance in harsh, water-present environments
- Field-Proven Design
 Consistent track record over years of service and thousands deployed

Model Numbering Structure for RFS LCF Factory-Fit Jumpers



Use our custom <u>Jumper Performance Test Tool</u> to quickly and easily access valuable test data specifications such as PIM and Return Loss for RFS Factory-Fit Jumpers.

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