



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 (other frequencies available upon request)	1.065 @ 410-470 MHz	
	1.065 @ 698-1000 MHz	
	1.065 @ 1710-1990 MHz	
	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

Conn A	Conn B	Low Loss Foam Cable 1/2"	Jacket Type	Cable Length	Factory-Fit Premium Performance
7M	7M	L12	F	030	FFP
7M			F	030	
CONNECTOR A OR B		JACKET TYPE		CABLE LENGTH	
NM	N Type Male	-	J; Outdoor Rated	030	3 Feet
7M	7-16 DIN Male	F	JFN; Riser Rated	150	15 Feet
7F	7-16 DIN Female			060	6 Feet
7MR	7-16 DIN Male, Right Angle			080	8 Feet
43M	4.3-10 Male			100	10 Feet
43MR	4.3-10 Male, Right Angle			120	12 Feet

Use our custom [Jumper Performance Test Tool](#) to quickly and easily access valuable test data specifications such as PIM and Return Loss for RFS Factory-Fit Jumpers.