PRODUCT DATASHEET

NMNMI12P-030FFP

RADIO FREQUENCY SYSTEMS
The Clear Choice®

ClearFill®Line Factory-Fit Jumper Assembly for In-Building Application, NM/NM, 1/2" ClearFill®Line Plenum-Rated Air Dielectric, 3 ft

Radio Frequency Systems' ClearFill®Line plenum-rated, air-dielectric factory-fit jumpers feature unique soldered-on connectors for today's high-performance wireless systems. The connector design and manufacturing process has been optimized to produce premium VSWR and IM levels for 2G, 3G and 4G systems. ClearFill®Line plenum-rated cable is listed to the highest in-building standards, CMP-ETL listed to UL444, Canadian CSA C.22.2/FT6.

*** Available for North American market**

NMNMI12P-060FFP shown for illustration purpose

FEATURES / BENEFITS

- **Stable premium VSWR, outstanding and consistent intermodulation performance**
  Improved network performance, reduces the number of dropped calls and avoids revenue loss.
- **Waterproof to IP 68**
  No downtime risk, secures revenue.
- **Jumper label is serialized**
  Ensure traceability.
- **Meets the most stringent plenum cable standards**
  Ensures low flame spread and low smoke characteristics

Technical Features

STRUCTURE		
Cable Type		1/2" Low Loss, Air Dielectric
Jumper Type		Factory-Fit (Premium)
Connector A		N Male
Center Contact Connector A		Brass, silver plated
Outer Contact Connector A		Brass, silver plated
Coupling Nut Connector A		Hexagon nut, Nickel plated
Connector B		N Male
Center Contact Connector B		Brass, silver plated
Outer Contact Connector B		Brass, silver plated
Coupling Nut Connector B		Hexagon nut, Nickel plated
Dielectric		Extruded Polyethylene
Gasket		Silicone rubber
Jacket		Blue PVC Flame retardant, plenum-rated, CMP-ETL listed to UL444 Canadian CSA C.22.2/FT6
MECHANICAL SPECIFICATIONS		
Length	m (ft)	0.91 (3)
Minimum Bend Radius	mm (in)	125 (5)
TESTING AND ENVIRONMENTAL		
Sealing class		IP68
ELECTRICAL SPECIFICATIONS		
Intermodulation	dBc	-155 (typical)
VSWR, Return Loss; typical	VSWR (dB)	1.065 (30) @ 460 - 806 MHz 1.065 (30) @ 806 - 960 MHz 1.065 (30) @ 1395 - 1432 MHz 1.065 (30) @ 1700 - 2155 MHz 1.100 (26.4) @ 2300 - 2500 MHz 1.220 (20) @ 4400 - 5900 MHz
TEMPERATURE SPECIFICATIONS		
Installation Temperature	°C (°F)	-40 to 85 (-40 to 185)
Operation Temperature	°C (°F)	-40 to 85 (-40 to 185)
Storage Temperature	°C (°F)	-20 to 60 (-4 to 140)

External Document Links

Handling instruction

Notes