PRODUCT DATASHEET

NMNMI12P-200FFP

ClearFill®Line Factory-Fit Jumper Assembly for In-Building Application, NM/NM, 1/2" ClearFill®Line Plenum-Rated Air Dielectric, 20 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.



NMNMI12P-060FFP shown for illustration purpose

* Available for North American market

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)	6.09 (20)
Minimum Bend Radius	mm (in)	125 (5)

TESTING AND ENVIRONMENTAL

Sealing class		IP68

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)

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering

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ClearFill®Line Factory-Fit Jumper Assembly for In-Building Application, NM/NM, 1/2" ClearFill®Line Plenum-Rated Air Dielectric, 20 ft

ELECTRICAL SPECIFICATIONS

Intermodulation, 3rd Order	dBc	≤ -155 (typical)
VSWR, Return Loss	VSWR (dB)	≤ 1.065 (30) @ 460 - 806 MHz ≤ 1.065 (30) @ 806 - 960 MHz ≤ 1.080 (28) @ 1395 - 1432 MHz ≤ 1.100 (26.4) @ 1700 - 2155 MHz ≤ 1.100 (26.4) @ 2300 - 2500 MHz ≤ 1.290 (18) @ 4400 - 5900 MHz

External Document Links
Handling instruction

Notes

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