



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

Product Description

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

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 Specifications

Cable Type	1/2" Low Loss, Air Dielectric
Jumper Type	Factory-Fit (Premium)
Length, m (ft)	3.66 (12)
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
Sealing class	IP68
Jacket	Blue PVC Flame retardant, plenum-rated, CMP-ETL listed to UL444 Canadian CSA C.22.2/FT6
Minimum Bend Radius, mm (in)	125 (5)
Frequency Band(s), MHz	450 - 806 / 806 - 960 / 1395 - 1432 / 1700 - 2155 2300 - 2500 / 4400 - 5900
Return Loss, dB (VSWR), typical	30.0 (1.065:1) @ 460-806 MHz 30.0 (1.065:1) @ 806-960 MHz 30.0 (1.065:1) @ 1395-1432 MHz 30.0 (1.065:1) @ 1700-2155 MHz 30.0 (1.083:1) @ 2300-2500 MHz 18.0 (1.290:1) @ 4400-5900 MHz
Intermodulation, 3rd Order, dBc	-155 (typical)

Other Documentation

All information contained in the present datasheet is subject to confirmation at time of ordering