



NMNM112P-150FFP

ClearFill®Line Factory-Fit Jumper Assembly for In-Building Application,
NM/NM, 1/2" ClearFill®Line Plenum-Rated Air Dielectric, 15 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.



NMNM112P-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) | 4.57 (15) |
| 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) |



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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 ≤ 1.065 (30) @ 1395 - 1432 MHz ≤ 1.100 (26.4) @ 1700 - 2155 MHz ≤ 1.100 (26.4) @ 2300 - 2500 MHz ≤ 1.290 (18) @ 4400 - 5900 MHz |



PRODUCT DATASHEET

NMNM112P-150FFP

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External Document Links

Handling instruction

Notes