



Public Safety Express Jumpers

Easily Identify Jumpers in Public Safety DAS Networks

Get every jumper feature you need to succeed

Microlab's plenum-rated Express Jumpers are ideal for interconnecting radios, antennas, and RF passive components in public safety networks. They are:

- **Ultra-wideband** with frequency coverage from DC to 6 GHz
- **Plenum-rated** to support installations in the air handling spaces in buildings
- **Pre-connectorized** with various combinations of Type N connectors to support the most common public safety connection requirements
- **Right-sized for different installation scenarios** at lengths of .5, 1 or 2 meters
- **Flexible** to simplify interconnections in tight spaces

Rely on high performance and rugged reliability

Every Microlab Express Jumper delivers guaranteed low PIM and minimal RF insertion loss to help maintain signal quality and strength end-to-end. And every jumper is designed and built to reliably perform in harsh indoor and outdoor environments for many years. Microlab Express Jumpers feature:

- Robust cable construction and a UL CMP-compliant fire-resistant jacket
- Connectors that are installed in highly controlled factory conditions
- Proven ability to withstand extreme heat and cold

Meet the most demanding lead times with red, plenum- rated low-PIM assemblies

Today, every organization involved in network expansion projects is under pressure to accelerate deployments and cut costs — with no compromises to network performance or reliability. It's an extremely tough combination of requirements to meet.

Microlab maintains a large inventory of its most popular plenum-rated, low-PIM jumper assemblies, ensuring you have quick access to jumpers that are guaranteed to perform. Our red-jacketed Express Jumpers offer a cost-effective and low-risk solution to meet the stringent requirements of public safety networks. The cables feature a red plenum jacket that helps AHJs and building owners easily identify public safety Distributed Antenna System (DAS) networks.

KEY FEATURES AND BENEFITS

Choose the ultimate in cost-effective quality

- **Guaranteed low PIM and minimal RF insertion loss**
Increases signal quality and strength end-to-end
- **Designed with a red jacket**
Easily recognizable within public safety networks
- **0.141-in cable with 100 W power handling**
Reduces losses when connecting to higher power equipment
- **Plenum-rated with proven performance from -40°C to +125°C**
Ensures high fire resistance and rugged reliability in any environment
- **Lower cost than jumpers with comparable performance**
Improves budget management
- **Always in-stock and ready-to-ship**
Accelerates delivery to meet tough timelines
- **3-year Microlab warranty**
Reduces risks

Why wait for custom jumpers when you don't need to? These lower priced, pre-configured jumper assemblies are guaranteed to perform, backed by our 3-year Microlab warranty and ready to go.



EXPRESS JUMPERS

Access the JA-PS Series [Datasheet](#)

JA-PS jumpers are available in IBWave and Atoll In-Building for use in Design Planning Tools.

| PART NUMBER | LENGTH (METER) | CONNECTOR 1 | CONNECTOR 2 | WEIGHT (LBS) |
|-----------------|----------------|------------------------|-------------|--------------|
| JA-PS-10-MN-MN | 1 | Type N(m) | Type N(m) | 0.22 |
| JA-PS-10-MN-FN | 1 | Type N(m) | Type N(f) | 0.22 |
| JA-PS-20-MN-MN | 2 | Type N(m) | Type N(m) | 0.30 |
| JA-PS-20-MN-FN | 2 | Type N(m) | Type N(f) | 0.30 |
| JA-PS-05-MN-MN | 0.5 | Type N(m) | Type N(m) | 0.16 |
| JA-PS-05-MN-FN | 0.5 | Type N(m) | Type N(f) | 0.16 |
| JA-PS-05-RMN-MN | 0.5 | Type N(m), Right Angle | Type N(m) | 0.16 |

ADDITIONAL ASSEMBLIES

In addition to the JA-PS series and [JA series](#) of Express Jumpers, we offer standard and low PIM cable assemblies. Find robust RF connectivity solutions to support any deployment and meet the most specific performance requirements. Our connectivity portfolio includes a wide range of coaxial jumpers and a complete range of RF coax connectors for all major interfaces including 4.3-10, 2.2-5, NEX10, 7/16 DIN, as well as right-angle connectors and pigtail assemblies with OEM-specific compression connectors and weatherproof boots to increase deployment flexibility.

We custom-cut jumpers to the inch, and we build custom jumper assemblies to meet your precise specifications, whether you need standard flexibility for lower losses, high flexibility for challenging locations or an outdoor-rated assembly with weatherproof boots. We can combine jumpers and connectors to meet any requirements, from flexibility, electric performance and fire retardance to low PIM and low loss. All of our RF jumper assemblies are fully tested for quality and performance, and lead time for custom assemblies is days, not weeks.

[Low PIM Jumper Assemblies](#) • [Standard Jumper Assemblies](#)