



Ultra-Wideband Express Jumpers

Accelerate deployments with
no compromises

Get every jumper feature you need to succeed

Microlab UWB Express Jumpers are ideal to interconnect radios, antennas and RF passive components throughout public safety, 5G and Wi-Fi networks. They are:

- **Futureproof** 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 4.3-10, NEX10, 2.2-5, Type N, QMA, and SMA connectors to support the most common connection requirements
- **Right-sized for different installation scenarios** at lengths of 1 or 2 meters
- **Flexible** to simplify interconnections in tight spaces

Rely on high performance and rugged reliability

Every Microlab UWB 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 UWB 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 cost-effective, low-PIM jumper 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. Until now.

Microlab keeps high volumes of its most popular ultra-wideband, low-PIM jumper assemblies in stock and ready to ship so you have super-fast access to jumpers that are guaranteed to perform. Microlab Ultra-Wideband (UWB) Express Jumpers are a cost-effective and low-risk way to meet the toughest distributed-RAN (D-RAN) & small cell connectivity requirements in public safety, commercial and enterprise networks.

KEY FEATURES AND BENEFITS

Choose the ultimate in cost-effective quality

- **Ultra-wideband coverage (DC-6 GHz)**
Enables use in low-, mid- and C-Band 5G deployments, public safety networks and Wi-Fi networks
- **Guaranteed low PIM and minimal RF insertion loss**
Increases signal quality and strength end-to-end
- **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 Series [Datasheet](#)

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

| PART NUMBER | LENGTH (METER) | CONNECTOR 1 | CONNECTOR 2 | LEGACY PART # |
|-------------|----------------|-------------|-------------|---------------|
| JA-10-ME-ME | 1 | 4.3-10(m) | 4.3-10(m) | JA-10MX |
| JA-10-ME-FE | 1 | 4.3-10(m) | 4.3-10(f) | JA-10TX |
| JA-10-ME-MN | 1 | 4.3-10(m) | Type N(m) | JA-10MZ |
| JA-10-ME-MQ | 1 | 4.3-10(m) | QMA(m) | – |
| JA-20-ME-ME | 2 | 4.3-10(m) | 4.3-10(m) | JA-20MX |
| JA-20-ME-MN | 2 | 4.3-10(m) | Type N(m) | JA-20MZ |
| JA-20-ME-FE | 2 | 4.3-10(m) | 4.3-10(f) | JA-20TX |
| JA-20-ME-MQ | 2 | 4.3-10(m) | QMA(m) | – |
| JA-10-MN-MN | 1 | Type N(m) | Type N(m) | JA-10MN |
| JA-10-MN-FN | 1 | Type N(m) | Type N(f) | JA-10TN |
| JA-10-MN-MQ | 1 | Type N(m) | QMA(m) | – |
| JA-20-MN-MQ | 2 | Type N(m) | QMA(m) | – |
| JA-20-MN-MN | 2 | Type N(m) | Type N(m) | JA-20MN |
| JA-20-MN-FN | 2 | Type N(m) | Type N(f) | JA-20TN |
| JA-10-MG-MN | 1 | 2.2-5(m) | Type N(m) | – |
| JA-10-MG-MQ | 1 | 2.2-5(m) | QMA(m) | – |
| JA-10-MG-MS | 1 | 2.2-5(m) | SMA(m) | – |
| JA-20-MG-MS | 2 | 2.2-5(m) | SMA(m) | – |
| JA-20-MG-MN | 2 | 2.2-5(m) | Type N(m) | – |
| JA-20-MG-MQ | 2 | 2.2-5(m) | QMA(m) | – |
| JA-10-MT-MT | 1 | NEX10(m) | NEX10(m) | – |
| JA-20-MT-MT | 2 | NEX10(m) | NEX10(m) | -- |

ADDITIONAL ASSEMBLIES

In addition to the 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](#)