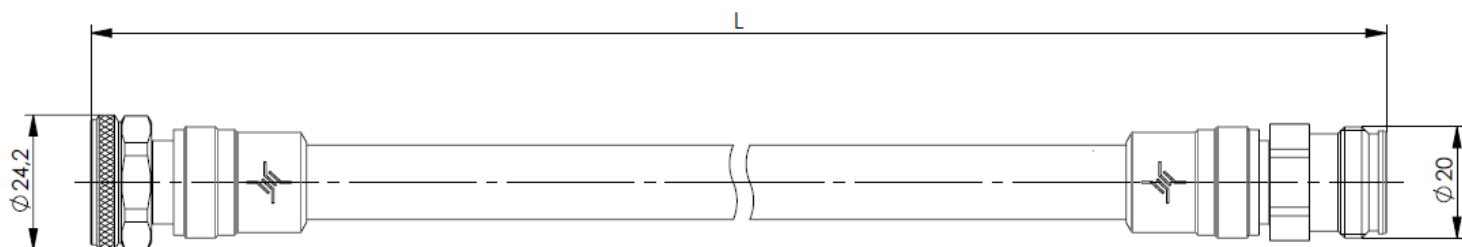


1/2" Flexible Jumper Cables

4.3-10 m Screw to 4.3-10 f Connectors, IP68



| General | | Mechanical & Climatic Characteristics | |
|------------------|--|---------------------------------------|-------------------------------------|
| Cable Type | 1/2" Superflex Helically Corrugated | Sealing class | IP68 unmated, barrier sealed |
| Outer Conductor | Copper | Connector Gasket | Silicone |
| Centre Conductor | Copper-Clad Aluminium | Connector Torque | 5 Nm |
| Dielectric | Foam Polyethylene | Min. Bending Radius single | 30 mm |
| Jacket | Black Polyethylene, Halogen Free | Min. Bending Radius repeated | 55 mm |
| Connector Types | 4.3-10 male screw to 4.3-10 female | Temperature Range (install.) | -40°C to +60°C |
| Outer Contact | Brass (m), Cu-Alloy (f), Silver Plated | Temperature Range (op.) | -40°C to +85°C |
| Centre Contact | Brass (m), Cu-Alloy (f), Silver Plated | Relative Humidity | 0-100% |
| Coupling Nut | Brass Hex Nut, Telealloy Plated | Water Tightness | IP68 tested under 25m head of water |

| Electrical Performance | | | | | |
|---|----------|----------|----------|----------|----------|
| | 450 MHz | 900 MHz | 1800 MHz | 2100 MHz | 2700 MHz |
| Typical Return Loss | -32 dB | -32 dB | -30 dB | -30 dB | -28 dB |
| Typical Intermodulation (3rd Order) | -166 dBc | -166 dBc | -166 dBc | -166 dBc | -166 dBc |
| Attenuation (per 100 m) at 20°C (w/o connector) | 7.59 dB | 10.40 dB | 16.00 dB | 17.70 dB | 21.50 dB |

Typical insertion loss per connector <0.01 dB (0-3 GHz).

| | |
|-------------------------|---|
| Mean Power Rating | 770 W @ 800-1000 MHz 500 W @ 1000-2700 MHz |
| Impedance | 50 Ohm (+/-1) |
| Velocity of propagation | 83% |

| Length* | Type | Old Order Number | New Order Number |
|---------|-------------|------------------|------------------|
| 0.5 m | JMPS/0578K | L00010A1691 | 100009619 |
| 1 m | JMPS/1078K | L00010A1692 | 100009620 |
| 2 m | JMPS/2078K | L00011A0437 | 100009933 |
| 3 m | JMPS/3078K | L00012A0236 | 100010144 |
| 4 m | JMPS/4078K | L00013Q0128 | 100010382 |
| 5 m | JMPS/5078K | L00013A0314 | 100010295 |
| 6 m | JMPS/6078K | L00014Q0152 | 100010494 |
| 7 m | JMPS/7078K | L00014Q0153 | 100037052 |
| 8 m | JMPS/8078K | L00014Q0154 | 100037053 |
| 9 m | JMPS/9078K | L00015Q0102 | 100037054 |
| 10 m | JMPS/10078K | L00015Q0103 | 100010557 |

*Standard lengths. Other lengths available on request.

Technical changes reserved.