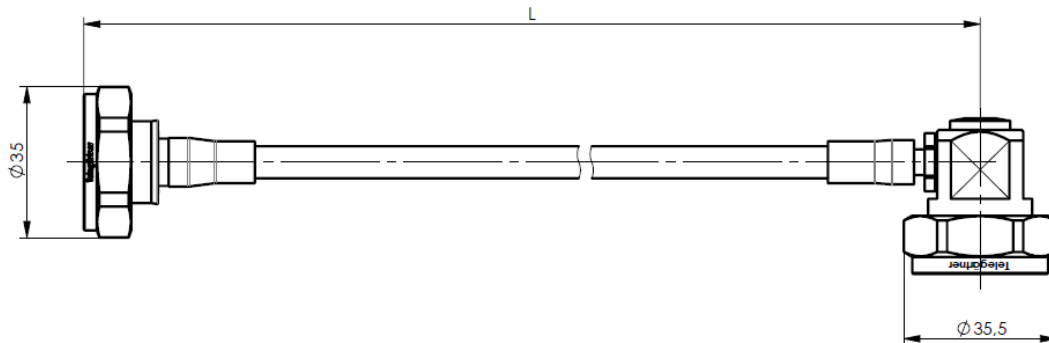


1/4" Flexible Jumper Cables

7-16 m to 7-16 m 90° Connectors, IP67



| General | | Mechanical & Climatic Characteristics | |
|------------------|-------------------------------------|---------------------------------------|----------------|
| Cable Type | 1/4" Superflex Helically Corrugated | Sealing class | IP67 |
| Outer Conductor | Copper | Connector Gasket | Silicone |
| Centre Conductor | Copper-Clad Aluminium | Connector Torque | 25-35 Nm |
| Dielectric | Foam Polyethylene | Min. bending radius single | 15 mm |
| Jacket | Black Polyethylene, Halogen Free | Min. bending radius repeated | 25 mm |
| Connector Types | 7-16 male to 7-16 male 90° elbow | Temperature Range (install.) | -25°C to +60°C |
| Outer Contact | Brass, Silver Plated | Temperature range (op.) | -40°C to +85°C |
| Centre Contact | Brass, Silver Plated | Relative Humidity | 0-100% |
| Coupling Nut | Brass Hex Nut, Nickel/Silver plated | Water Tightness | IP67 |

| Electrical Performance | | | | | |
|-------------------------------------|----------|----------|----------|----------|----------|
| | 450 MHz | 900 MHz | 1800 MHz | 2100 MHz | 2700 MHz |
| Typical Return Loss | -36 dB | -34 dB | -30 dB | -30 dB | -28 dB |
| Typical Intermodulation (3rd Order) | -155 dBc | -155 dBc | -155 dBc | -155 dBc | -155 dBc |
| Attenuation (per 100 m) at 20°C | 12.3 dB | 17.9 dB | 26.3 dB | 28.7 dB | 33.2 dB |

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

| | |
|-------------------------|---|
| Mean Power Rating | 350 W @ 800-1000 MHz 200 W @ 1000-2700 MHz |
| Impedance | 50 Ohm (+/-1) |
| Velocity of propagation | 82% |

| Length* | Type | Order Number |
|---------|-------------|--------------|
| 0.5m | JMPR/0502L | L00010A1729 |
| 1m | JMPR/1002L | L00010A1730 |
| 2m | JMPR/2002L | L00011A0456 |
| 3m | JMPR/3002L | L00012A0255 |
| 4m | JMPR/4002L | L00013Q0215 |
| 5m | JMPR/5002L | L00013A0334 |
| 6m | JMPR/6002L | L00014Q0248 |
| 7m | JMPR/7002L | L00014Q0249 |
| 8m | JMPR/8002L | L00014Q0250 |
| 9m | JMPR/9002L | L00015Q0166 |
| 10m | JMPR/10002L | L00015Q0167 |

* Standard lengths. Other lengths available on request.