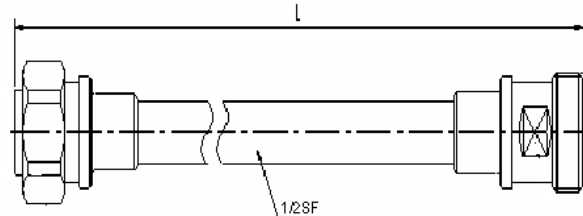


Jumper 1/2SF PE 7/16 Din Male – 7/16 Din Female **ASTB-10X**

Description

| | |
|-------------------|--|
| Cable: | ACOME 50-1/2SF PE cable |
| Connector: | 7/16 Din male / 7/16 Din female |
| Assembly: | Inner and outer contact 100% soldered and with molding |



Electrical Characteristics

| | | |
|---|----------------|------------|
| Impedance: | 50 ± 1Ω | |
| Operating Frequency Range: | DC ~ 3GHz | |
| RMS Power (40 °C - 2 GHz): | 0.52 KW | |
| Velocity: | 83% | |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2 × 20W Carriers: | IM3 at 900MHz | ≤ -160 dBc |
| | IM3 at 1800MHz | ≤ -160 dBc |
| | IM7 at 2100MHz | ≤ -160 dBc |

Mechanical Characteristics

| | |
|--|-----------------------------|
| Material and Finish of Connector Body: | Copper alloy - plated brass |
| Material and Finish of Coupling Nut: | Nickel - plated brass |
| Material and Finish of Inner Conductor: | Silver - plated bronze |
| Coupling Waterproof: | Silicone Rubber O-ring |
| Coupling Torque: | 30 N.m Max. |
| Minimum Bending Radius: | 25 mm |

Environmental Characteristics

| | | |
|--------------------------|---------------------------------|-----------------|
| Temperature: | Operating | -55 °C / +70 °C |
| | Installation | -25 °C / +55 °C |
| | Storage | -50 °C / +70 °C |
| Waterproof Index: | IP68 (1m /24 h) | |
| RoHS Compliance: | Yes | |
| Test Methods: | IEC 61169, IEC 62037, IEC 60529 | |

| Length (m) | Product number | Weight (g) | Frequency 0/1000MHz | | Frequency 1000/2200MHz | | Frequency 2200/3000MHz | |
|------------|----------------|------------|---------------------|----------|------------------------|----------|------------------------|----------|
| | | | RL (dB) | ATT (dB) | RL (dB) | ATT (dB) | RL (dB) | ATT (dB) |
| 0.3 | C2775X | 221 | -32 | 0.15 | -30 | 0.23 | -26 | 0.27 |
| 0.5 | C2211X | 252 | -32 | 0.17 | -30 | 0.26 | -26 | 0.31 |
| 1 | C0708X | 325 | -32 | 0.21 | -30 | 0.33 | -26 | 0.37 |
| 1.5 | C0707X | 400 | -32 | 0.26 | -30 | 0.40 | -26 | 0.47 |
| 2 | C0281X | 480 | -32 | 0.33 | -30 | 0.48 | -26 | 0.57 |
| 2.5 | C1579X | 555 | -32 | 0.38 | -30 | 0.57 | -26 | 0.67 |
| 3 | C0796X | 625 | -32 | 0.43 | -30 | 0.66 | -26 | 0.78 |
| 4 | C1482X | 775 | -32 | 0.55 | -30 | 0.85 | -26 | 1.02 |
| 5 | C0641X | 940 | -32 | 0.67 | -30 | 1.02 | -26 | 1.20 |
| 6 | C1483X | 1090 | -32 | 0.78 | -30 | 1.20 | -26 | 1.42 |
| 7 | C2886X | 1240 | -30 | 0.88 | -28 | 1.36 | -24 | 1.61 |
| 8 | C2887X | 1390 | -30 | 0.99 | -28 | 1.52 | -24 | 1.81 |
| 10 | C2045X | 1690 | -30 | 1.22 | -28 | 1.84 | -24 | 2.19 |
| 15 | C4102X | 2440 | -30 | 1.76 | -28 | 2.71 | -24 | 3.23 |
| 16 | C4008X | 2620 | -30 | 1.89 | -28 | 2.66 | -24 | 3.18 |