



C1488E HYPERCELL

Jumper 1/2F LSOH N Male - N Male

GENERAL CHARACTERISTICS

| | |
|------------|--|
| Cable: | ACOME 50-1/2F LSOH cable |
| Connector: | N male |
| Assembly: | Inner and outer contact 100% soldered and with thermal shrink tube |

MECHANICAL & ENVIRONMENTAL

| | |
|---|-----------------------------|
| 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: | 2.5 N.m Max. |
| Minimum Bending Radius: | 70 mm |

ENVIRONMENTAL

| | |
|------------------------------|---|
| Operating Temperature Range: | $-40^{\circ}\text{C} < \theta < + 70^{\circ}\text{C}$ |
| Waterproof Index: | IP68 (1m /24 h) |
| RoHS Compliance: | Yes |
| Test Methods: | IEC 61169, IEC 60529 |

ELECTRICAL

| | | | | |
|---|----------------|------------|----------------|------------|
| Impedance: | 50 ± 1Ω | | | |
| Operating Frequency Range: | DC ~ 3GHz | | | |
| RMS Power (40 °C - 2 GHz): | 0.81 KW | | | |
| Velocity: | 87% | | | |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries: | IM3 at 900MHz | ≤ -160 dBc | | |
| | IM3 at 1800MHz | ≤ -160 dBc | IM7 at 2100MHz | ≤ -160 dBc |

RANGE

| 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) |
| 1 | C1484E | 395 | -32 | 0.19 | -30 | 0.29 | -26 | 0.34 |
| 1.5 | C1485E | 522 | -32 | 0.23 | -30 | 0.35 | -26 | 0.41 |
| 2 | C0978E | 650 | -32 | 0.27 | -30 | 0.40 | -26 | 0.48 |
| 2.5 | C1486E | 780 | -32 | 0.30 | -30 | 0.46 | -26 | 0.54 |
| 3 | C0979E | 910 | -32 | 0.34 | -30 | 0.52 | -26 | 0.61 |
| 4 | C1487E | 1165 | -32 | 0.41 | -30 | 0.63 | -26 | 0.74 |
| 5 | C1488E | 1420 | -32 | 0.48 | -30 | 0.73 | -26 | 0.88 |
| 8 | C1489E | 2180 | -30 | 0.70 | -28 | 1.08 | -24 | 1.28 |
| 50.1 | C1495E | 12800 | -26 | 3.77 | -24 | 5.79 | -24 | 6.90 |