



C1389E HYPERCELL

Jumper 1/4SF LSOH N Male - N Female

GENERAL CHARACTERISTICS

| | |
|------------|--|
| Cable: | ACOME 50-1/4SF LSOH cable |
| Connector: | N male / N female |
| 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: | 25 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: | $50 \pm 1\Omega$ | | |
| Operating Frequency Range: | DC ~ 3GHz | | |
| RMS Power (40 °C - 2 GHz): | 0.35 KW | | |
| Velocity: | 83% | | |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2x 20W 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) |
| 0.5 | C1031X | 150 | -32 | 0.23 | -30 | 0.33 | -26 | 0.38 |
| 1 | C1032X | 195 | -32 | 0.32 | -30 | 0.47 | -26 | 0.56 |
| 2 | C1033X | 285 | -32 | 0.55 | -30 | 0.79 | -26 | 0.92 |
| 3 | C1387X | 365 | -32 | 0.76 | -30 | 1.12 | -26 | 1.28 |
| 4 | C1388X | 455 | -32 | 0.96 | -30 | 1.43 | -26 | 1.65 |
| 5 | C1389X | 540 | -32 | 1.15 | -30 | 1.72 | -26 | 1.99 |