



C1370E HYPERCELL

Jumper 1/4SF PE N Male - N Male

GENERAL CHARACTERISTICS

| | |
|------------|--|
| Cable: | ACOME 50-1/4SF PE 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: | 25 mm |

ENVIRONMENTAL

| | |
|------------------------------|--|
| Operating Temperature Range: | $-55^{\circ}\text{C} < \theta < +70^{\circ}\text{C}$ |
| 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 Carriers: | 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) |
| 0.2 | C2246E | 105 | -32 | 0.16 | -30 | 0.25 | -26 | 0.29 |
| 0.3 | C2374E | 115 | -32 | 0.19 | -30 | 0.28 | -26 | 0.32 |
| 0.5 | C0884E | 125 | -32 | 0.22 | -30 | 0.33 | -26 | 0.39 |
| 1 | C1369E | 165 | -32 | 0.30 | -30 | 0.46 | -26 | 0.53 |
| 1.5 | C1370E | 200 | -32 | 0.40 | -30 | 0.61 | -26 | 0.71 |
| 2 | C1368E | 235 | -32 | 0.51 | -30 | 0.76 | -26 | 0.89 |
| 2.5 | C1371E | 270 | -32 | 0.60 | -30 | 0.91 | -26 | 1.08 |
| 3 | C1372E | 305 | -32 | 0.70 | -30 | 1.07 | -26 | 1.25 |
| 4 | C1373E | 375 | -32 | 0.90 | -30 | 1.36 | -26 | 1.61 |
| 5 | C1374E | 450 | -32 | 1.09 | -30 | 1.66 | -26 | 1.96 |