



C1586E HYPERCELL

Jumper 1/2SF LSOH 7/16 Din Male - 7/16 Din Male

GENERAL CHARACTERISTICS

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

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: | 30 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 62037, IEC 60529 |

ELECTRICAL

| | | | | |
|---|----------------|------------|----------------|------------|
| 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 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 | C0364E | 385 | -32 | 0.21 | -30 | 0.33 | -26 | 0.37 |
| 1.5 | C1586E | 480 | -32 | 0.28 | -30 | 0.43 | -26 | 0.51 |
| 2 | C0030E | 575 | -32 | 0.33 | -30 | 0.48 | -26 | 0.57 |
| 3 | C0750E | 765 | -32 | 0.43 | -30 | 0.66 | -26 | 0.78 |
| 4 | C0911E | 960 | -32 | 0.56 | -30 | 0.85 | -26 | 1.01 |
| 5 | C0751E | 1155 | -32 | 0.66 | -30 | 0.99 | -26 | 1.16 |
| 7.5 | C0752E | 1630 | -30 | 0.92 | -28 | 1.42 | -24 | 1.68 |
| 10 | C0753E | 2115 | -30 | 1.22 | -28 | 1.84 | -24 | 2.19 |