



C4275E-L125 | HYPERCELL

Jumper 3/8SF PE N Male - N Female Elbow

GENERAL CHARACTERISTICS

| | |
|------------|--|
| Cable: | ACOME 50-3/8SF PE cable |
| Connector: | N male / N female elbow |
| 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 ± 1Ω | | | |
| Operating Frequency Range: | DC ~ 3GHz | | | |
| RMS Power (40 °C - 2 GHz): | 0.51 KW | | | |
| Velocity: | 83% | | | |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries: | IM3 at 900MHz | ≤ -145 dBc | | |
| | IM3 at 1800MHz | ≤ -145 dBc | IM7 at 2100MHz | ≤ -145 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 | C4275E-L100 | 275 | -28 | 0.25 | -26 | 0.38 | -24 | 0.45 |
| 1.25 | C4275E-L125 | 305 | -28 | 0.29 | -26 | 0.43 | -24 | 0.51 |
| 2 | C4275E-L200 | 400 | -28 | 0.39 | -26 | 0.59 | -24 | 0.71 |
| 2.5 | C4275E-L250 | 465 | -28 | 0.46 | -26 | 0.69 | -24 | 0.82 |