


# C1304E
# HYPERCELL

Jumper 1/4SF LSOH N Male Elbow– N Female

## GENERAL CHARACTERISTICS

| | |
|---|---|
| Cable: | ACOME 50-1/4SF LSOH cable |
| Connector: | N male elbow/ 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°C < θ < + 70°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): | | 0.35 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 | C1313X | 260 | -28 | 0.32 | -26 | 0.49 | -24 | 0.57 |
| 2 | C1314X | 345 | -28 | 0.55 | -26 | 0.79 | -24 | 0.93 |
| 2.5 | C1303X | 385 | -28 | 0.62 | -26 | 0.94 | -24 | 1.11 |
| 3.5 | C1304X | 470 | -28 | 0.81 | -26 | 1.24 | -24 | 1.46 |