


# C2425E-L200
# HYPERCELL

Jumper 1/2SF LSOH 4.3-10 Male – 4.3-10 Male

## GENERAL CHARACTERISTICS

| | |
|---|---|
| Cable: | ACOME 50-1/2SF LSOH cable |
| Connector: | Screw type 4.3-10 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: | 8 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 62037, IEC 60529 |

## ELECTRICAL

| | | | | |
|---|---|---|---|---|
| Impedance: | | 50 ± 1Ω | | |
| Operating Frequency Range: | | DC ~ 3GHz | | |
| RMS Power (40 ℃ - 2 GHz): | | 0.5 KW | | |
| Velocity: | | 83% | | |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries: | IM3 at 900MHz | ≤ -161 dBc | | |
| | IM3 at 1800MHz | ≤ -161 dBc | IM7 at 2100MHz | ≤ -161 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 | C2425E-L100 | 260 | -32 | 0.31 | -30 | 0.37 | -26 | 0.40 |
| 1.5 | C2425E-L150 | 355 | -32 | 0.36 | -30 | 0.45 | -26 | 0.50 |
| 2 | C2425E-L200 | 450 | -32 | 0.42 | -30 | 0.54 | -26 | 0.60 |
| 2.5 | C2425E-L250 | 545 | -32 | 0.47 | -30 | 0.62 | -26 | 0.70 |
| 3 | C2425E-L300 | 635 | -32 | 0.53 | -30 | 0.71 | -26 | 0.81 |
| 4 | C2425E-L400 | 830 | -32 | 0.64 | -30 | 0.87 | -26 | 1.05 |
| 5 | C2425E-L500 | 1025 | -32 | 0.75 | -30 | 1.05 | -26 | 1.20 |