


# C2250E-L200
# HYPERCELL

Jumper 1/2SF PE 4.3-10 Male – 7/16 Din Male

## GENERAL CHARACTERISTICS

| | |
|---|---|
| Cable: | ACOME 50-1/2SF PE cable |
| Connector: | Screw Type 4.3-10 Male /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: | Din interface | 30 N.m Max. |
| | 4.3-10 interface | 8 N.m Max. |
| Minimum Bending Radius: | 25 mm | |

### ENVIRONMENTAL

| | |
|---|---|
| Operating Temperature Range: | -55°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): | | 0.50 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 | C2250E-L100 | 300 | -32 | 0.31 | -30 | 0.37 | -26 | 0.41 |
| 1.5 | C2250E-L150 | 385 | -32 | 0.36 | -30 | 0.45 | -26 | 0.51 |
| 2 | C2250E-L200 | 470 | -32 | 0.42 | -30 | 0.54 | -26 | 0.60 |
| 3 | C2250E-L300 | 640 | -32 | 0.53 | -30 | 0.71 | -26 | 0.81 |
| 4 | C2250E-L400 | 810 | -32 | 0.64 | -30 | 0.87 | -26 | 1.05 |
| 5 | C2250E-L500 | 970 | -32 | 0.75 | 30 | 1.05 | -26 | 1.20 |
| 6 | C2250E-L600 | 1140 | -32 | 0.86 | -30 | 1.21 | -26 | 1.42 |
| 7 | C2250E-L700 | 1310 | -30 | 0.97 | -28 | 1.38 | -24 | 1.62 |
| 8 | C2250E-L800 | 1480 | -30 | 1.08 | -28 | 1.55 | -24 | 1.82 |
| 10 | C2250E-L1000 | 1820 | -30 | 1.29 | -28 | 1.88 | -24 | 2.22 |