


# C6005E-500
# HYPERCELL

Jumper 3/8SF PE 7/16 Din Male – N Male Elbow

## GENERAL CHARACTERISTICS

| | |
|---|---|
| Cable: | ACOME 50-3/8SF PE cable |
| Connector: | 7/16 Din male / N male elbowr |
| 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: | N interface | 2.5 N.m Max. |
| | Din interface | 30 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 60529 |

## ELECTRICAL

| | | | | |
|---|---|---|---|---|
| Impedance: | | 50 ± 1Ω | | |
| Operating Frequency Range: | | DC ~ 3GHz | | |
| RMS Power (40 ℃ - 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) |
| 2 | C6005E-L200 | 420 | -28 | 0.39 | -26 | 0.59 | -24 | 0.70 |
| 4 | C6005E-L400 | 675 | -28 | 0.67 | -26 | 1.01 | -24 | 1.20 |
| 5 | C6005E-500 | 800 | -28 | 0.81 | -26 | 1.22 | -24 | 1.45 |