


# C1019E
# HYPERCELL

Jumper 1/4SF PE 7/16 Din Male – 7/16 Din Male elbow

## GENERAL CHARACTERISTICS

| | |
|---|---|
| Cable: | ACOME 50-1/4SF PE cable |
| Connector: | 7/16 Din male / 7/16 Din male elbow |
| 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: | 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 62037, IEC 60529 |

## ELECTRICAL

| | | | | |
|---|---|---|---|---|
| Impedance: | | 50 ± 1Ω | | |
| Operating Frequency Range: | | DC ~ 3GHz | | |
| RMS Power (40 ℃ - 2 GHz): | | 0.35 KW | | |
| Velocity: | | 83% | | |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2× 20W Carries: | IM3 at 900MHz | ≤ -150 dBc | | |
| | IM3 at 1800MHz | ≤ -150 dBc | IM7 at 2100MHz | ≤ -150 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 | C1012X | 315 | -28 | 0.32 | -26 | 0.47 | -24 | 0.55 |
| 1.5 | C1013X | 350 | -28 | 0.41 | -26 | 0.63 | -24 | 0.74 |
| 2 | C1014X | 390 | -28 | 0.55 | -26 | 0.79 | -24 | 0.92 |
| 2.5 | C1015X | 425 | -28 | 0.62 | -26 | 0.93 | -24 | 1.10 |
| 3 | C1016X | 460 | -28 | 0.72 | -26 | 1.11 | -24 | 1.29 |
| 3.5 | C1017X | 495 | -28 | 0.81 | -26 | 1.24 | -24 | 1.46 |
| 4 | C1018X | 535 | -28 | 0.91 | -26 | 1.38 | -24 | 1.64 |
| 5 | C1019X | 610 | -28 | 1.10 | -26 | 1.69 | -24 | 1.99 |