

# C1342E
# HYPERCELL

Jumper 1/2SF PE 7/16 Din Male Elbow– 7/16 Din Female

## GENERAL CHARACTERISTICS

| | |
|---|---|
| Cable: | ACOME 50-1/2SF PE cable |
| Connector: | 7/16 Din male elbow / 7/16 Din female |
| 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 °C - 2 GHz): | | 0.52 KW | | |
| Velocity: | | 83% | | |
| Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W 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) |
| 0.5 | C0961E | 340 | -28 | 0.17 | -26 | 0.25 | -24 | 0.30 |
| 1.5 | C0972E | 515 | -28 | 0.29 | -26 | 0.43 | -24 | 0.49 |
| 2 | C0894E | 595 | -28 | 0.33 | -26 | 0.51 | -24 | 0.61 |
| 2.5 | C1320E | 680 | -28 | 0.39 | -26 | 0.60 | -24 | 0.72 |
| 3 | C0893E | 765 | -28 | 0.44 | -26 | 0.68 | -24 | 0.81 |
| 4 | C1537E | 935 | -28 | 0.56 | -26 | 0.85 | -24 | 1.01 |
| 5 | C1342E | 1110 | -28 | 0.66 | -26 | 1.02 | -24 | 1.21 |
| 10 | C2137E | 1960 | -28 | 1.22 | -26 | 1.87 | -24 | 2.22 |