



C0050E HYPERCELL

HPL 7/16 Din male elbow connector

GENERAL CHARACTERISTICS

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|----------------------------|-----------------------------|
| Inner Conductor: | Silver - plated bronze |
| Dielectric: | PTFE |
| Body: | Copper alloy - plated brass |
| Clamping and Coupling Nut: | Nickel - plated brass |
| Clamping Nut Waterproof: | Silicone O-ring |

MECHANICAL & ENVIRONMENTAL

| | | |
|-----------------------|--------------|---------------|
| Interface Durability: | 500 cycles | |
| Temperature: | Operating | -40°C / +85°C |
| | Installation | -25°C / +55°C |
| | Storage | -50°C / +85°C |
| Weight: | 235 g | |
| Waterproof Index: | IP68 | |
| RoHS Compliance: | Yes | |

ELECTRICAL

| | |
|---|--------------------------------------|
| Impedance: | $50 \pm 1 \Omega$ |
| Operating Frequency Band: | DC ~ 4GHz |
| VSWR: | DC ~ 2.2 GHz: ≤ 1.10 |
| | 2.2 ~ 3 GHz: ≤ 1.135 |
| | 3 ~ 4 GHz: ≤ 1.20 |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, $F \leq 1880$ MHz: | ≤ -160 dBc |
| Voltage Test (at sea level): | 3000 V eff / 50 Hz |
| Operating Voltage (at sea level): | 1600 V eff / 50 Hz |
| Insulation Resistance: | ≥ 10000 M Ω |
| Contact Resistance: | Inner contact: ≤ 0.4 m Ω |
| | Outer contact: ≤ 1.5 m Ω |

RANGE

Compatibility with ACOME HPL 50 -1/2F

M1473, M2831, M5445,M5454,M5453, M5398,M5644,M5646

Test Methods: IEC 61169-4, IEC 62037-3, IEC 60529

RECOMMENDATIONS

INSTALLATION INSTRUCTION

ANM - C0050E