



C0375E HYPERCELL

HPL N male connector

GENERAL CHARACTERISTICS

| | |
|----------------------------|-----------------------------|
| 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 |
| Coupling Waterproof: | Silicone gasket |

MECHANICAL & ENVIRONMENTAL

| | | |
|-----------------------|------------|---------------|
| Interface Durability: | 500 cycles | |
| Temperature: | Operating | -40°C / +85°C |
| | Storage | -40°C / +85°C |
| Weight: | 90 g | |
| Waterproof Index: | IP68 | |
| RoHS Compliance: | Yes | |

ELECTRICAL

| | |
|---|--------------------------------------|
| Impedance: | $50 \pm 1 \Omega$ |
| Operating Frequency Band: | DC ~ 5.8 GHz |
| VSWR: | (0~3 GHz): ≤ 1.10 |
| | (3~5.8 GHz): ≤ 1.30 |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, $F \leq 1880$ MHz: | ≤ -145 dBc |
| Voltage Test (at sea level): | 2500 V eff / 50 Hz |
| Operating Voltage (at sea level): | 1500 V eff / 50 Hz |
| Insulation Resistance: | ≥ 5000 M Ω |
| Contact Resistance: | Inner contact: ≤ 1.5 m Ω |
| | Outer contact: ≤ 1.0 m Ω |

RANGE

Compatibility with ACOME 50 -1/2F

M1473, M2831, M5453, M5398, M5322, M5445

Test Methods: IEC 61169, IEC 62037, IEC 60529

RECOMMENDATIONS

INSTALLATION INSTRUCTION

ANM - C0375E