



C4271E HYPERCELL

HPL N female 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 |
| | Storage | -40°C / +85°C |
| Weight: | 75 g | |
| Waterproof Index: | IP68 | |
| RoHS Compliance: | Yes | |

ELECTRICAL

| | |
|--|-------------------------|
| Impedance: | 50 ± 1 Ω |
| Operating Frequency Band: | DC ~ 3GHz |
| VSWR (0 ~ 3GHz): | ≤ 1.10 |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2x20W carriers, F ≤ 1880 MHz: | ≤ -145 dBc |
| Voltage Test (at sea level): | 1500 V eff / 50 Hz |
| Operating Voltage (at sea level): | 900 V eff / 50 Hz |
| Insulation Resistance: | ≥ 5000 MΩ |
| Contact Resistance: | Inner contact: ≤ 1.5 mΩ |
| | Outer contact: ≤ 1.0 mΩ |

RANGE

Compatibility with ACOME HPL 50 -3/8SF

M2933, M2935, M5306

Test Methods: IEC 61169, IEC 62037, IEC 60529

RECOMMENDATIONS

INSTALLATION INSTRUCTION

ANM - C0041X