



C0036E HYPERCELL

HPL N male 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 |
| Coupling Waterproof: | Silicone gasket |

MECHANICAL & ENVIRONMENTAL

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

ELECTRICAL

| | |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Impedance: | $50 \pm 1 \Omega$ |
| Operating Frequency Band: | DC ~ 4GHz |
| VSWR : | DC ~ 3 GHz : ≤ 1.10 |
| | 3 ~ 4 GHz : ≤ 1.20 |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, F \leq 1880 MHz: | Static : ≤ -155 dBc |
| | Dynamic : ≤ -145 dBc |
| Voltage Test (at sea level): | 1500 V eff / 50 Hz |
| Operating Voltage (at sea level): | 600 V eff / 50 Hz |
| Insulation Resistance: | $\geq 5000 M\Omega$ |
| Contact Resistance: | Inner contact: $\leq 1.5 m\Omega$ |
| | Outer contact: $\leq 1.0 m\Omega$ |

RANGE

Compatibility with ACOME HPL 50 -1/4SF

M2929, M2931, M5302

Test Methods: IEC 60169-16, IEC 62037-3, IEC 60529

RECOMMENDATIONS

INSTALLATION

ANM - C0036E