



## C0060E HYPERCELL

HPL N male elbow 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:               | 140.2 g    |               |
| Waterproof Index:     | IP68       |               |
| RoHS Compliance:      | Yes        |               |

## ELECTRICAL

|   |                                      |
|---|--------------------------------------|
| Impedance:  | $50 \pm 1 \Omega$                    |
| Operating Frequency Band:   | DC ~ 5.8GHz                          |
| VSWR:   | 0 ~ 2.2 GHz : $\leq 1.10$            |
|   | 2.2 ~ 3 GHz : $\leq 1.10$            |
|   | 3 ~ 5.8 GHz : $\leq 1.10$            |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, $F \leq 1880$ MHz: | $\leq -145$ dBc                      |
| Voltage Test (at sea level):  | 2500 V eff / 50 Hz                   |
| Operating Voltage (at sea level):   | 1500 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 -1/2F

M1473, M2831, M5453, M5398, M5322, M5445

Test Methods: IEC 61169, IEC 62037, IEC 60529

## RECOMMENDATIONS

### INSTALLATION INSTRUCTION

ANM - C0060E