



## C0037E 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 |
|                       | Installation | -25°C / +55°C |
|                       | Storage      | -50°C / +85°C |
| Weight:               | 95 g         |               |
| Waterproof Index:     | IP68         |               |
| RoHS Compliance:      | Yes          |               |

## ELECTRICAL

|  |                         |
|--|-------------------------|
| Impedance:   | 50 ± 1 Ω                |
| 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 ≤ 1880 MHz: | Static : ≤ -155 dBc     |
|  | Dynamic : ≤ -145 dBc    |
| Voltage Test (at sea level):   | 1000 V eff / 50 Hz      |
| Operating Voltage (at sea level):  | 600 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 -1/4SF

M2929, M2931, M5302

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

## RECOMMENDATIONS

### INSTALLATION

ANM - C0037E