



## C4993E HYPERCELL

HPL 7/16 Din Female 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:               | 150 g        |               |
| Waterproof Index:     | IP68         |               |
| RoHS Compliance:      | Yes          |               |

## ELECTRICAL

|                                                                                                             |                                   |
|-------------------------------------------------------------------------------------------------------------|-----------------------------------|
| Impedance:                                                                                                  | $50 \pm 1 \Omega$                 |
| Operating Frequency Band:                                                                                   | DC ~ 4GHz                         |
| VSWR :                                                                                                      | DC ~ 3 GHz : $\leq 1.10$          |
|                                                                                                             | 3 ~ 4 GHz : $\leq 1.20$           |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, F $\leq$ 1880 MHz: | $\leq -160$ dBc                   |
| Voltage Test (at sea level):                                                                                | 3000 V eff / 50 Hz                |
| Operating Voltage (at sea level):                                                                           | 600 V eff / 50 Hz                 |
| Insulation Resistance:                                                                                      | $\geq 10000 M\Omega$              |
| Contact Resistance:                                                                                         | Inner contact: $\leq 0.4 m\Omega$ |
|                                                                                                             | Outer contact: $\leq 1.5 m\Omega$ |

## RANGE

Compatibility with ACOME HPL 50 -1/4SF

M2929, M2931, M5302

Test Methods: IEC 61169-4, IEC 62037-3, IEC 60529

## RECOMMENDATIONS

### INSTALLATION

ANM - C0806E