



## C0004X 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             |

## MECHANICAL & ENVIRONMENTAL

|                       |            |               |
|-----------------------|------------|---------------|
| Interface Durability: | 500 cycles |               |
| Temperature:          | Operating  | -40°C / +85°C |
|                       | Storage    | -40°C / +85°C |
| Weight:               | 700 g      |               |
| Waterproof Index:     | IP68       |               |
| RoHS Compliance:      | Yes        |               |

## ELECTRICAL

|  |                         |
|--|-------------------------|
| Impedance:   | 50 ± 1 Ω                |
| Operating Frequency Band:  | DC ~ 2.5 GHz            |
| VSWR:  | 0 ~ 3 GHz : ≤ 1.10      |
| 3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2x20W carriers, F ≤ 1880 MHz: | ≤ -158 dBc              |
| Voltage Test (at sea level):   | 3000 V eff / 50 Hz      |
| Operating Voltage (at sea level):  | 2700 V eff / 50 Hz      |
| Insulation Resistance:   | ≥ 10000 MΩ              |
| Contact Resistance:  | Inner contact: ≤ 0.4 mΩ |
|  | Outer contact: ≤ 1.5 mΩ |

## RANGE

Compatibility with ACOME HPL 50 -1-5/8

M2939, M2940

Test Methods: IEC 61169, IEC 62037, IEC 60529

## RECOMMENDATIONS

### INSTALLATION INSTRUCTION

ANM - C0004X