



## C0003E 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:	420 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

## ELECTRICAL

Impedance:	$50 \pm 1 \Omega$
Operating Frequency Band:	DC ~ 3 GHz
VSWR:	0 ~ 1.8 GHz: $\leq 1.035$
	1.8 ~ 2.5 GHz: $\leq 1.060$
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2x20W carriers, $F \leq 1880$ MHz:	$\leq -158$ dBc
Voltage Test (at sea level):	3000 V eff / 50 Hz
Operating Voltage (at sea level):	2700 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 -1-1/4F

M2937, M2938, M5358, M5400

Test Methods: IEC 61169, IEC 62037, IEC 60529

## RECOMMENDATIONS

### INSTALLATION INSTRUCTION

ANM - C0003X