



## C0057E HYPERCELL

HPL N 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:	340 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

## ELECTRICAL

Impedance:		$50 \pm 1\Omega$
Operating Frequency Band:		DC ~ 3.6GHz
VSWR:	DC~3GHz	$\leq 1.10$
	3~4GHz	$\leq 1.20$
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with $2 \times 20W$ carriers, $F \leq 1880$ MHz:	Static:	$\leq -155$ dBc
	Dynamic:	$\leq -145$ 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 -1-1/4

M2937, M2938, M5358, M5400

Test Methods: IEC 61169, IEC 62037, IEC 60529

## RECOMMENDATIONS

### INSTALLATION INSTRUCTION

ANM - C0057X