

## C2863E HYPERCELL

HPL N male 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:	70 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

## ELECTRICAL

Impedance:		$50 \pm 1\Omega$
Operating Frequency Band:		DC ~ 4GHz
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):		1500 V eff / 50 Hz
Operating Voltage (at sea level):		900 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 -3/8SF

M5458, M5554

Test Methods: IEC 61169-16, IEC 62037-3, IEC 60529

## RECOMMENDATIONS

### INSTALLATION

ANM - C2863E