



## C0327E HYPERCELL

HPL N female connector

### GENERAL CHARACTERISTICS

Inner Conductor:	Silver - plated bronze
Inner Contact:	Silver - plated brass
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
	Installation	-25°C / +55°C
	Storage	-50°C / +85°C
Weight:	55 g	
Waterproof Index:	IP67	
Axial Retention Force:	400N	
RoHS Compliance:	Yes	

## ELECTRICAL

Impedance:		$50 \pm 1\Omega$
Operating Frequency Band:		DC ~ 4GHz
Return Loss:	DC~1GHz	$\leq -26.5$ dB
	1~2GHz	$\leq -21$ dB
	2~4GHz	$\leq -18$ dB
Voltage Test (at sea level):		2000 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 -3/8XF

M5437, M5435, M5362, M5333, M5452

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

## RECOMMENDATIONS

### INSTALLATION

ANM - C0327E