

## C0064X | 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:	75 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

### ELECTRICAL

Impedance:	50 ± 1 Ω
Operating Frequency Band:	DC ~ 4GHz
VSWR (0~3 GHz):	≤ 1.10
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, F ≤ 1880 MHz:	Static : ≤ -155 dBc
	Dynamic : ≤ -145 dBc
Voltage Test (at sea level):	1500 V eff / 50 Hz
Operating Voltage (at sea level):	1130 V eff / 50 Hz
Insulation Resistance:	≥ 5000 MΩ

Contact Resistance:

Inner contact:  $\leq 1.5 \text{ m}\Omega$

Outer contact:  $\leq 1.0 \text{ m}\Omega$

## RANGE

Compatibility with ACOME HPL 50 -3/8F

M2934, M2936

Test Methods: IEC 60169-16, IEC 62037-3, IEC 60529

## RECOMMENDATIONS

### INSTALLATION INSTRUCTION

ANM - C0064X