

C0045E
HYPERCELL

HPL N male 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
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:	60 g	
Waterproof Index:	IP67	
Force:	400N	
RoHS Compliance:	Yes	

ELECTRICAL

Impedance:		50 ± 1Ω
Operating Frequency Band:		DC ~ 4GHz
Return Loss:	DC~1GHz	≤ -26.5 dB
	1~2GHz	≤ -21 dB
	2~4GHz	≤ -18 dB
Voltage Test (at sea level):		2000 V eff / 50 Hz
Operating Voltage (at sea level):		900 V eff / 50 Hz
Insulation Resistance:		≥5000 MΩ
Contact Resistance:	Inner contact:	≤ 1.5 mΩ
	Outer contact:	≤ 1.0 mΩ

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 - C0045E