

C4271E
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:	75 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

ELECTRICAL

Impedance:	50 ± 1 Ω
Operating Frequency Band:	DC ~ 3GHz
VSWR (0 ~ 3GHz):	≤ 1.10
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2x20W carriers, F ≤ 1880 MHz:	≤ -145 dBc
Voltage Test (at sea level):	1500 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 -3/8SF

M2933, M2935, M5306

Test Methods: IEC 61169, IEC 62037, IEC 60529

RECOMMENDATIONS

INSTALLATION INSTRUCTION

ANM - C0041X