C4272E
HYPERCELL

HPL N male elbow 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:	110 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

ELECTRICAL

Impedance:		50 ± 1Ω
Operating Frequency Band:		DC ~ 4GHz
VSWR:	DC~2.2GHz	≤ 1.10
	2.2~3GHz	≤ 1.135
	3~4GHz	≤ 1.20
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):		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

M5458, M5554

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

RECOMMENDATIONS

INSTALLATION

ANM – C4272E