



C0065E 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
	Storage	-40°C / +85°C
Weight:	95 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

ELECTRICAL

Impedance:	$50 \pm 1 \Omega$
Operating Frequency Band:	DC ~ 4GHz
VSWR :	DC ~ 2.2 GHz : ≤ 1.10
	2.2 ~ 3 GHz : ≤ 1.135
	3 ~ 4 GHz : ≤ 1.20
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, $F \leq 1880$ 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:	$\geq 5000 M\Omega$
Contact Resistance:	Inner contact: $\leq 1.5 m\Omega$
	Outer contact: $\leq 1.0 m\Omega$

RANGE

Compatibility with ACOME HPL 50 -1/4F

M2930, M2932, M5309

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

RECOMMENDATIONS

INSTALLATION

ANM - C0066E