



## C0037E 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:	95 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

## ELECTRICAL

Impedance:	$50 \pm 1 \Omega$
Operating Frequency Band:	DC ~ 4GHz
VSWR :	DC ~ 2.2 GHz : $\leq 1.10$
	2.2 ~ 3 GHz : $\leq 1.135$
	3 ~ 4 GHz : $\leq 1.20$
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, $F \leq 1880$ MHz:	Static : $\leq -155$ dBc
	Dynamic : $\leq -145$ dBc
Voltage Test (at sea level):	1000 V eff / 50 Hz
Operating Voltage (at sea level):	600 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 -1/4SF

M2929, M2931, M5302

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

## RECOMMENDATIONS

### INSTALLATION

ANM - C0037E