



C0097E HYPERCELL

HPL N male elbow/ N female adaptor

GENERAL CHARACTERISTICS

Body:	Copper alloy-plated brass
Coupling Nut:	Nickel-plated brass
Insulator:	PTFE
Inner Conductor:	Silver-plated bronze
Coupling Waterproof:	Silicone O-ring

MECHANICAL & ENVIRONMENTAL

Coupling Torque:	2.5 N.m
Weight:	75.3 g
Operating Temperature:	-40 °C ~ +85 °C
RoHS Compliance:	Yes
Test Standard:	IEC 61169

ELECTRICAL

Impedance:			$50 \pm 1 \Omega$
Frequency Band:			DC ~ 3 GHz
Insulation Resistance:			$\geq 5000 \text{ Mohm}$
Contact Resistance:	N interface	Inner conductor	$\leq 1.5 \text{ mohm}$
		Outer conductor	$\leq 1.0 \text{ mohm}$
Voltage Test (at sea level):			2.5 kV eff / 50 Hz
Operating Voltage (at sea level):			1.5 kV eff / 50 Hz
VSWR:			≤ 1.10
Screening Effectiveness:			$\geq 115 \text{ dB}$