



C0090E HYPERCELL

HPL Din female / N female adaptor

GENERAL CHARACTERISTICS

Body:	Copper alloy-plated brass
Insulator:	PTFE
Inner Conductor:	Silver-plated bronze

MECHANICAL & ENVIRONMENTAL

Coupling Torque:	N interface	2.5 N.m
	Din interface	30 N.m
Weight:	102 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	$\leq 1.0 \text{ mohm}$
	Din interface	Inner conductor	$\leq 0.4 \text{ mohm}$
		Outer conductor	$\leq 1.5 \text{ mohm}$
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:			$\geq 115 \text{ dB}$