



## C2418E | HYPERCELL

HPL 4.3-10 female 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

### MECHANICAL & ENVIRONMENTAL

Interface Durability:	>100 cycles	
Temperature:	Operating	-40°C / +85°C
	Installation	-25°C / +55°C
	Storage	-40°C / +85°C
Weight:	110 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

### ELECTRICAL

Impedance:	50 ± 1 Ω
Operating Frequency Band:	DC ~ 4GHz
VSWR:	DC ~ 3GHz: ≤ 1.10
	3 ~ 4 GHz: ≤ 1.20
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2x20W carriers, F ≤ 1880 MHz:	≤ -160 dBc

Voltage Test (at sea level):	2000 V eff / 50 Hz
Operating Voltage (at sea level):	1300 V eff / 50 Hz
Insulation Resistance:	$\geq 5000 \text{ M}\Omega$
Contact Resistance:	Inner contact: $\leq 1.0 \text{ m}\Omega$
	Outer contact: $\leq 1.0 \text{ m}\Omega$

## RANGE

Compatibility with ACOME HPL 50 -1/2SF

M2839,M2830,M5308

Test Methods: IEC 61169-54, IEC 62037-3, IEC 60529

## RECOMMENDATIONS

### INSTALLATION INSTRUCTION

ANM - C2418E