



C2279E | 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
	Storage	-40°C / +85°C
Weight:	183 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

ELECTRICAL

Impedance:	$50 \pm 1 \Omega$
Operating Frequency Band:	DC ~ 3 GHz
VSWR:	0 ~ 3 GHz: ≤ 1.10
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2x20W carriers, $F \leq 1880$ MHz:	≤ -160 dBc
Voltage Test (at sea level):	2000 V eff / 50 Hz

Operating Voltage (at sea level):	1400 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 50 -7/8

M5407, M5422, M5430, M5436

Test Methods: IEC 61169, IEC 62037, IEC 60529

RECOMMENDATIONS

INSTALLATION INSTRUCTION

ANM – C2279X