C0980E
HYPERCELL

HPL 7/16 Din 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:	235 g	
Waterproof Index:	IP68	
RoHS Compliance:	Yes	

ELECTRICAL

Impedance:	50 ± 1 Ω
Operating Frequency Band:	DC ~ 4GHz
VSWR :	DC ~ 2.2 GHz : ≤ 1.10
	2.2 ~ 3 GHz : ≤ 1.135
	3 ~ 4 GHz : ≤ 1.20
3rd Order Passive Intermodulation, Measured In Swept Frequency Mode with 2 20W carriers, F ≤ 1880 MHz:	≤ -160 dBc
Voltage Test (at sea level):	3000 V eff / 50 Hz
Operating Voltage (at sea level):	600 V eff / 50 Hz
Insulation Resistance:	≥ 10000 MΩ
Contact Resistance:	Inner contact: ≤ 0.4 mΩ
	Outer contact: ≤ 1.5 mΩ

RANGE

Compatibility with ACOME HPL 50 -1/4SF

M2929, M2931, M5302

Test Methods: IEC 61169-4, IEC 62037-3, IEC 60529