



## C1309X HYPERCELL

Jumper 1/2SF LSOH N Male - N Female

### GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2SF LSOH cable
Connector:	N male / N female
Assembly:	Inner and outer contact 100% soldered and with molding

### MECHANICAL & ENVIRONMENTAL

Material and Finish of Connector Body:	Copper alloy - plated brass
Material and Finish of Coupling Nut:	Nickel - plated brass
Material and Finish of Inner Conductor:	Silver - plated bronze
Coupling Waterproof:	Silicone Rubber O-ring
Coupling Torque:	2.5 N.m Max.
Minimum Bending Radius:	25 mm

### ENVIRONMENTAL

Operating Temperature Range:	$-40^{\circ}\text{C} < \theta < + 70^{\circ}\text{C}$
Waterproof Index:	IP68 (1m /24 h)
RoHS Compliance:	Yes
Test Methods:	IEC 61169, IEC 60529

## ELECTRICAL

Impedance:	50 ± 1Ω			
Operating Frequency Range:	DC ~ 3GHz			
RMS Power (40 °C - 2 GHz):	0.52 KW			
Velocity:	83%			
Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries:	IM3 at 900MHz	≤ -160 dBc		
	IM3 at 1800MHz	≤ -160 dBc	IM7 at 2100MHz	≤ -160 dBc

## RANGE

Length (m)	Product number	Weight (g)	Frequency 0/1000MHz		Frequency 1000/2200MHz		Frequency 2200/3000MHz	
			RL (dB)	ATT (dB)	RL (dB)	ATT (dB)	RL (dB)	ATT (dB)
1	C1316X	310	-32	0.21	-30	0.33	-26	0.38
2	C1309X	500	-32	0.33	-30	0.49	-26	0.59
3	C1310X	690	-32	0.43	-30	0.66	-26	0.79