

C1031E
HYPERCELL

Jumper 1/4SF LSOH N Male – N Female

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/4SF LSOH cable
Connector:	N male / N female
Assembly:	Inner and outer contact 100% soldered and with thermal shrink tube

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°C < θ < + 70°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):		0.35 KW		
Velocity:		83%		
Passive Intermodulation Measured In Swept Frequency Mode, With 2× 20W 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)
0.5	C1031X	150	-32	0.23	-30	0.33	-26	0.38
1	C1032X	195	-32	0.32	-30	0.47	-26	0.56
2	C1033X	285	-32	0.55	-30	0.79	-26	0.92
3	C1387X	365	-32	0.76	-30	1.12	-26	1.28
4	C1388X	455	-32	0.96	-30	1.43	-26	1.65
5	C1389X	540	-32	1.15	-30	1.72	-26	1.99