

C1368E HYPERCELL

Jumper 1/4SF PE N Male – N Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/4SF PE cable
Connector:	N male
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:	-55°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)
0.2	C2246E	105	-32	0.16	-30	0.25	-26	0.29
0.3	C2374E	115	-32	0.19	-30	0.28	-26	0.32
0.5	C0884E	125	-32	0.22	-30	0.33	-26	0.39
1	C1369E	165	-32	0.30	-30	0.46	-26	0.53
1.5	C1370E	200	-32	0.40	-30	0.61	-26	0.71
2	C1368E	235	-32	0.51	-30	0.76	-26	0.89
2.5	C1371E	270	-32	0.60	-30	0.91	-26	1.08
3	C1372E	305	-32	0.70	-30	1.07	-26	1.25
4	C1373E	375	-32	0.90	-30	1.36	-26	1.61
5	C1374E	450	-32	1.09	-30	1.66	-26	1.96