

C1542E
HYPERCELL

Jumper 1/2SF PE 7/16 Din Male - 7/16 Din Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2SF PE cable
Connector:	7/16 Din male
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:	30 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 62037, IEC 60529

ELECTRICAL

Impedance:		50 ± 1Ω		
Operating Frequency Range:		DC ~ 3GHz		
RMS Power (40 ℃ - 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)
0.5	C0268E	270	-32	0.15	-30	0.23	-26	0.27
0.7	C1353E	295	-32	0.20	-30	0.30	-26	0.35
1	C0021E	350	-32	0.21	-30	0.33	-26	0.37
1.5	C0016E	440	-32	0.26	-30	0.40	-26	0.47
2	C0022E	520	-32	0.33	-30	0.48	-26	0.57
2.5	C0023E	605	-32	0.38	-30	0.57	-26	0.67
3	C0018E	695	-32	0.43	-30	0.66	-26	0.78
3.5	C1497E	770	-32	0.50	-30	0.77	-26	0.91
4	C0246E	860	-32	0.54	-30	0.82	-26	0.97
4.5	C1542E	935	-32	0.61	-30	0.94	-26	1.12
5	C0248E	1025	-32	0.66	-30	0.99	-26	1.16
6	C1375E	1195	-32	0.78	-30	1.20	-26	1.40
7	C1530E	1367	-30	0.89	-28	1.36	-24	1.61
8	C1531E	1535	-30	0.99	-28	1.53	-24	1.81
9	C1552E	1705	-30	1.10	-28	1.69	-24	2.02
10	C1407E	1875	-30	1.22	-28	1.84	-24	2.19
12	C1491E	2210	-30	1.43	-28	2.20	-24	2.62
15	C2673E	2720	-30	1.77	-28	2.72	-24	3.25