

C1490E
HYPERCELL

Jumper 1/2SF PE 7/16 Din Male – 7/16 Din Male Elbow

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2SF PE cable
Connector:	7/16 Din male / 7/16 Din male elbow
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	≤ -150 dBc		
	IM3 at 1800MHz	≤ -150 dBc	IM7 at 2100MHz	≤ -150 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	C1492E	346	-28	0.17	-26	0.26	-24	0.31
1	C0256E	430	-28	0.22	-26	0.34	-24	0.41
1.5	C0698E	515	-28	0.28	-26	0.43	-24	0.51
2	C0699E	605	-28	0.33	-26	0.51	-24	0.61
2.5	C0730E	685	-28	0.39	-26	0.60	-24	0.71
3	C0731E	770	-28	0.44	-26	0.68	-24	0.81
3.5	C1435E	855	-28	0.51	-26	0.75	-24	0.90
4	C0732E	940	-28	0.54	-26	0.85	-24	1.01
5	C0733E	1110	-28	0.66	-26	1.02	-24	1.21
6	C1490E	1280	-28	0.78	-26	1.19	-24	1.42
7	C1532E	1450	-28	0.88	-26	1.36	-24	1.62
8	C1533E	1615	-28	0.99	-26	1.53	-24	1.82
10	C0903E	1960	-28	1.22	-26	1.87	-24	2.22