

C0972E
HYPERCELL

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

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2SF PE cable
Connector:	7/16 Din male elbow / 7/16 Din 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:	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 °C - 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	C0961E	340	-28	0.17	-26	0.25	-24	0.30
1.5	C0972E	515	-28	0.29	-26	0.43	-24	0.49
2	C0894E	595	-28	0.33	-26	0.51	-24	0.61
2.5	C1320E	680	-28	0.39	-26	0.60	-24	0.72
3	C0893E	765	-28	0.44	-26	0.68	-24	0.81
4	C1537E	935	-28	0.56	-26	0.85	-24	1.01
5	C1342E	1110	-28	0.66	-26	1.02	-24	1.21
10	C2137E	1960	-28	1.22	-26	1.87	-24	2.22