

C0281E
HYPERCELL

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

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2SF PE cable
Connector:	7/16 Din male / 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 ℃ - 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	C2211E	262	-32	0.17	-30	0.26	-26	0.31
1	C0708E	345	-32	0.21	-30	0.33	-26	0.37
1.5	C0707E	430	-32	0.26	-30	0.40	-26	0.47
2	C0281E	520	-32	0.33	-30	0.48	-26	0.57
2.5	C1579E	605	-32	0.38	-30	0.57	-26	0.67
3	C0796E	685	-32	0.43	-30	0.66	-26	0.78
4	C1482E	855	-32	0.55	-30	0.85	-26	1.02
5	C0641E	1040	-32	0.67	-30	1.02	-26	1.20
6	C1483E	1210	-32	0.78	-30	1.20	-26	1.42
10	C2045E	1890	-30	1.22	-28	1.84	-24	2.19