

C0780E
HYPERCELL

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

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2F 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:	70 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):		0.81 KW		
Velocity:		87%		
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)
1	C0717E	395	-32	0.18	-30	0.26	-26	0.30
1.5	C0865E	510	-32	0.22	-30	0.32	-26	0.37
2	C0767E	620	-32	0.26	-30	0.38	-26	0.44
2.5	C0934E	730	-32	0.28	-30	0.43	-26	0.51
3	C0896E	850	-32	0.33	-30	0.49	-26	0.57
4	C0935E	1070	-32	0.39	-30	0.61	-26	0.71
5	C0780E	1285	-32	0.46	-30	0.71	-26	0.84
10	C2106E	2380	-30	0.84	-28	1.29	-24	1.56