

C0939E
HYPERCELL

Jumper 1/4SF PE 7/16 Din Male – 7/16 Din Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/4SF PE cable
Connector:	7/16 Din male
Assembly:	Inner and outer contact 100% soldered and with thermal shrink tube

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):		0.35 KW		
Velocity:		83%		
Passive Intermodulation Measured In Swept Frequency Mode, With 2× 20W 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	C0939E	215	-32	0.30	-30	0.46	-26	0.53
1.5	C0940E	255	-32	0.40	-30	0.61	-26	0.71
2	C0938E	295	-32	0.53	-30	0.76	-26	0.89
2.5	C0941E	330	-32	0.60	-30	0.91	-26	1.10
3	C0937E	365	-32	0.70	-30	1.10	-26	1.26
3.5	C1008E	400	-32	0.79	-30	1.22	-26	1.43
4	C1009E	440	-32	0.90	-30	1.36	-26	1.61
5	C1010E	510	-32	1.09	-30	1.66	-26	1.96