

C1018E
HYPERCELL

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

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/4SF 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 °C - 2 GHz):		0.35 KW		
Velocity:		83%		
Passive Intermodulation Measured In Swept Frequency Mode, With 2× 20W 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)
1	C1012X	315	-28	0.32	-26	0.47	-24	0.55
1.5	C1013X	350	-28	0.41	-26	0.63	-24	0.74
2	C1014X	390	-28	0.55	-26	0.79	-24	0.92
2.5	C1015X	425	-28	0.62	-26	0.93	-24	1.10
3	C1016X	460	-28	0.72	-26	1.11	-24	1.29
3.5	C1017X	495	-28	0.81	-26	1.24	-24	1.46
4	C1018X	535	-28	0.91	-26	1.38	-24	1.64
5	C1019X	610	-28	1.10	-26	1.69	-24	1.99