

C1589E-L100
HYPERCELL

Jumper 1/2SF PE 4.3-10 Male – 4.3-10 Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2SF PE cable
Connector:	Screw type 4.3-10 male
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:	8 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):		0.5 KW		
Velocity:		83%		
Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carries:	IM3 at 900MHz	≤ -161 dBc		
	IM3 at 1800MHz	≤ -161 dBc	IM7 at 2100MHz	≤ -161 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	C1589E-L50	155	-32	0.26	-30	0.29	-26	0.31
0.7	C1589E-L70	185	-32	0.28	-30	0.32	-26	0.36
1	C1589E-L100	235	-32	0.31	-30	0.37	-26	0.40
1.5	C1589E-L150	325	-32	0.36	-30	0.45	-26	0.50
2	C1589E-L200	410	-32	0.42	-30	0.54	-26	0.60
2.5	C1589E-L250	495	-32	0.47	-30	0.62	-26	0.70
3	C1589E-L300	580	-32	0.53	-30	0.71	-26	0.81
4	C1589E-L400	750	-32	0.64	-30	0.87	-26	1.05
5	C1589E-L500	920	-32	0.75	-30	1.05	-26	1.20
10	C1589E-L1000	1760	-30	1.30	-28	1.90	-24	2.30