

C2250E-L300
HYPERCELL

Jumper 1/2SF PE 4.3-10 Male – 7/16 Din Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2SF PE cable
Connector:	Screw Type 4.3-10 Male /7/16 Din 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:	Din interface	30 N.m Max.
	4.3-10 interface	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):		0.50 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)
1	C2250E-L100	300	-32	0.31	-30	0.37	-26	0.41
1.5	C2250E-L150	385	-32	0.36	-30	0.45	-26	0.51
2	C2250E-L200	470	-32	0.42	-30	0.54	-26	0.60
3	C2250E-L300	640	-32	0.53	-30	0.71	-26	0.81
4	C2250E-L400	810	-32	0.64	-30	0.87	-26	1.05
5	C2250E-L500	970	-32	0.75	30	1.05	-26	1.20
6	C2250E-L600	1140	-32	0.86	-30	1.21	-26	1.42
7	C2250E-L700	1310	-30	0.97	-28	1.38	-24	1.62
8	C2250E-L800	1480	-30	1.08	-28	1.55	-24	1.82
10	C2250E-L1000	1820	-30	1.29	-28	1.88	-24	2.22