

C5748E-L100
HYPERCELL

Jumper 3/8SF PE 7/16 Din Male – 7/16 Din Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-3/8SF PE cable
Connector:	7/16 Din male / 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 ℃ - 2 GHz):		0.51 KW		
Velocity:		83%		
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	C5748E-L100	315	-32	0.25	-30	0.38	-26	0.45
1.5	C5748E-L150	376	-32	0.33	-30	0.48	-26	0.58
2	C5748E-L200	440	-32	0.38	-30	0.59	-26	0.70
3	C5748E-L300	575	-32	0.53	-30	0.80	-26	0.95
4	C5748E-L400	695	-32	0.67	-30	1.01	-26	1.20
5	C5748E-L500	825	-32	0.81	-30	1.22	-26	1.45