



C4981E-L50 HYPERCELL

Jumper 1/2F LSOH 7/16 Din Male – 7/16 Din Male

GENERAL CHARACTERISTICS

Cable:	ACOME 50-1/2F LSOH cable
Connector:	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:	30 N.m Max.
Minimum Bending Radius:	70 mm

ENVIRONMENTAL

Operating Temperature Range:	$-40^{\circ}\text{C} < \theta < + 70^{\circ}\text{C}$
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):	0.81 KW			
Velocity:	87%			
Passive Intermodulation Measured In Swept Frequency Mode, With 2X20W Carriers:	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)
0.5	C1568X	320	-32	0.15	-30	0.23	-26	0.27