

Jumper 1/2SF LSOH N Female – 7/16 Din Male **ASTB-C4418X**

Description

Cable:	ACOME 50-1/2SF LSOH cable
Connector:	N Female /7/16 Din Male
Assembly:	Inner and outer contact 100% soldered and with molding

Electrical Characteristics

Impedance:	50 ± 1Ω	
Operating Frequency Range:	DC ~ 3GHz	
RMS Power (40 °C - 2 GHz):	0.50 KW	
Velocity:	83%	
Passive Intermodulation Measured In Swept Frequency Mode, With 2 × 20W Carriers:	IM3 at 900MHz	≤ -160 dBc
	IM3 at 1800MHz	≤ -160 dBc
	IM7 at 2100MHz	≤ -160 dBc

Mechanical Characteristics

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.
	N interface	2.5 N.m Max
Minimum Bending Radius:	25 mm	

Environmental Characteristics

Temperature:	Operating	-40 °C / +70 °C
	Installation	-25 °C / +55 °C
	Storage	-50 °C / +70 °C
Waterproof Index:	IP68 (1m /24 h)	
RoHS Compliance:	Yes	
Test Methods:	IEC 61169 , IEC 60529	

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	C4418X-L50	248	-32	0.17	-30	0.26	-26	0.31
1	C4418X-L100	330	-32	0.23	-30	0.35	-26	0.40
1.5	C4418X-L150	410	-32	0.28	-30	0.43	-26	0.50
2	C4418X-L200	494	-32	0.34	-30	0.52	-26	0.60
2.5	C4418X-L250	576	-32	0.39	-30	0.60	-26	0.70
3	C4418X-L300	658	-32	0.45	-30	0.69	-26	0.81
4	C4418X-L400	825	-32	0.56	-30	0.85	-26	1.01
5	C4418X-L500	986	-32	0.67	-30	1.02	-26	1.22
6	C4418X-L600	1150	-32	0.78	-30	1.19	-26	1.42
7	C4418X-L700	1315	-32	0.89	-30	1.36	-26	1.62
8	C4418X-L800	1480	-30	1.00	-28	1.53	-24	1.82
10	C4418X-L1000	1806	-30	1.22	-28	1.87	-24	2.23
15	C4418X-L1500	2626	-30	1.76	-28	2.71	-24	3.23
20	C4418X-L2000	3446	-30	2.31	-28	3.55	-24	4.23
25	C4418X-L2500	4266	-30	2.86	-28	4.40	-24	5.24