

Jumper 3/8SF LSOH N male – N female

ASTB-C4416X

Description

Cable:	ACOME 50-3/8SF LSOH cable M5554
Connector:	N male/N female
Assembly:	Inner and outer contact 100% soldered and with thermal shrink tube

Electrical Characteristics

Impedance:	50 ± 1Ω	
Operating Frequency Range:	DC ~ 3GHz	
RMS Power (40 °C - 2 GHz):	0.51 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:	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	Frequency 0/1000MHz		Frequency 1000/2200MHz		Frequency 2200/3000MHz	
		RL (dB)	ATT (dB)	RL (dB)	ATT (dB)	RL (dB)	ATT (dB)
0.3	C4416X-L30	-32	0.15	-30	0.23	-26	0.27
0.7	C4416X-L70	-32	0.21	-30	0.32	-26	0.38
0.8	C4416X-L80	-32	0.23	-30	0.35	-26	0.41
1	C4416X-L100	-32	0.25	-30	0.38	-26	0.45
1.5	C4416X-L150	-32	0.33	-30	0.48	-26	0.58
2	C4416X-L200	-32	0.38	-30	0.59	-26	0.70
2.5	C4416X-L250	-32	0.46	-30	0.70	-26	0.83
3	C4416X-L300	-32	0.53	-30	0.80	-26	0.95
4	C4416X-L400	-32	0.67	-30	1.01	-26	1.20
5	C4416X-L500	-32	0.81	-30	1.22	-26	1.45