

## Jumper 3/8SF LSOH N male – N male

## ASTB-C4419X

### Description

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

### Electrical Characteristics

<b>Impedance:</b>	50 ± 1Ω	
<b>Operating Frequency Range:</b>	DC ~ 3GHz	
<b>RMS Power (40 °C - 2 GHz):</b>	0.51 KW	
<b>Velocity:</b>	83%	
<b>Passive Intermodulation Measured In Swept Frequency Mode, With 2 × 20W Carriers:</b>	IM3 at 900MHz	≤ -160 dBc
	IM3 at 1800MHz	≤ -160 dBc
	IM7 at 2100MHz	≤ -160 dBc

### Mechanical Characteristics

<b>Material and Finish of Connector Body:</b>	Copper alloy - plated brass
<b>Material and Finish of Coupling Nut:</b>	Nickel - plated brass
<b>Material and Finish of Inner Conductor:</b>	Silver - plated bronze
<b>Coupling Waterproof:</b>	Silicone Rubber O-ring
<b>Coupling Torque:</b>	2.5 N.m Max.
<b>Minimum Bending Radius:</b>	25 mm

### Environmental Characteristics

<b>Temperature:</b>	Operating	-40 °C / +70 °C
	Installation	-25 °C / +55 °C
	Storage	-50 °C / +70 °C
<b>Waterproof Index:</b>	IP68 (1m /24 h)	
<b>RoHS Compliance:</b>	Yes	
<b>Test Methods:</b>	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	C4419X-L30	-32	0.15	-30	0.23	-26	0.27
0.7	C4419X-L70	-32	0.21	-30	0.32	-26	0.38
0.8	C4419X-L80	-32	0.23	-30	0.35	-26	0.41
1	C4419X-L100	-32	0.25	-30	0.38	-26	0.45
1.5	C4419X-L150	-32	0.33	-30	0.48	-26	0.58
2	C4419X-L200	-32	0.38	-30	0.59	-26	0.70
2.5	C4419X-L250	-32	0.46	-30	0.70	-26	0.83
3	C4419X-L300	-32	0.53	-30	0.80	-26	0.95
4	C4419X-L400	-32	0.67	-30	1.01	-26	1.20
5	C4419X-L500	-32	0.81	-30	1.22	-26	1.45