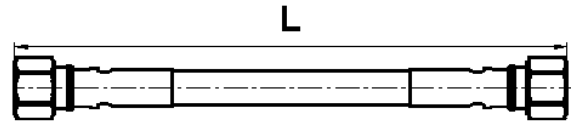


# Jumper 1/4SF LSOH 4.3-10 Male – 4.3-10 Male **ASTB-C6253E**

## Description

<b>Cable:</b>	ACOME 50-1/4SF LSOH cable
<b>Connector:</b>	4.3-10 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 ~ 3.8GHz	
<b>RMS Power (40 °C - 2 GHz):</b>	0.35 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	Weight (g)	Frequency DC/1000MHz		Frequency 1000/2200MHz		Frequency 2200/3000MHz		Frequency 3000/3800MHz	
			RL (dB)	ATT (dB)	RL (dB)	ATT (dB)	RL (dB)	ATT (dB)	RL (dB)	ATT (dB)
0.5	C6253E-L50	110	-28	0.22	-26	0.30	-24	0.35	-21	0.41
1	C6253E-L100	150	-28	0.30	-26	0.46	-24	0.53	-21	0.61
1.5	C6253E-L150	190	-28	0.40	-26	0.61	-24	0.71	-21	0.82
2	C6253E-L200	230	-28	0.51	-26	0.76	-24	0.89	-21	1.02
2.5	C6253E-L250	270	-28	0.60	-26	0.91	-24	1.08	-21	1.23
3	C6253E-L300	310	-28	0.70	-26	1.07	-24	1.25	-21	1.43
4	C6253E-L400	380	-28	0.90	-26	1.36	-24	1.61	-21	1.84
5	C6253E-L500	460	-28	1.09	-26	1.66	-24	1.96	-21	2.25