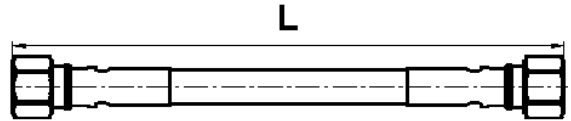


## Jumper 1/2SF PE 4.3-10 Male – 4.3-10 Male

## ASTB-C1589X

### Description

<b>Cable:</b>	ACOME 50-1/2SF PE cable
<b>Connector:</b>	Screw type 4.3-10 male
<b>Assembly:</b>	Inner and outer contact 100% soldered and with molding



### Electrical Characteristics

<b>Impedance:</b>		50 ± 1Ω
<b>Operating Frequency Range:</b>		DC ~ 3GHz
<b>RMS Power (40 °C - 2 GHz):</b>		0.5 KW
<b>Velocity:</b>		83%
<b>Passive Intermodulation Measured In</b>	IM3 at 900MHz	≤ -161 dBc
<b>Swept Frequency Mode, With 2 × 20W</b>	IM3 at 1800MHz	≤ -161 dBc
<b>Carries:</b>	IM7 at 2100MHz	≤ -161 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>	8 N.m Max.
<b>Minimum Bending Radius:</b>	25 mm

### Environmental Characteristics

<b>Temperature:</b>	Operating	-55 °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 62037, 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	C1589X-L50	145	-32	0.17	-30	0.26	-26	0.31
0.7	C1589X-L70	170	-32	0.19	-30	0.29	-26	0.35
0.8	C1589X-L80	200	-32	0.20	-30	0.31	-26	0.37
1	C1589X-L100	215	-32	0.22	-30	0.34	-26	0.41
1.5	C1589X-L150	295	-32	0.28	-30	0.43	-26	0.51
2	C1589X-L200	370	-32	0.33	-30	0.51	-26	0.61
2.5	C1589X-L250	445	-32	0.39	-30	0.60	-26	0.71
3	C1589X-L300	520	-32	0.44	-30	0.68	-26	0.81
4	C1589X-L400	670	-32	0.55	-30	0.85	-26	1.01
4.72(15.5FT)	C1589X-L472	776	-32	0.65	-30	0.97	-26	1.15
5	C1589X-L500	820	-32	0.66	-30	1.00	-26	1.20
6	C1589X-L600	960	-32	0.77	-30	1.19	-26	1.41
7	C1589X-L700	1025	-30	0.89	-28	1.36	-26	1.62
8	C1589X-L800	1260	-30	0.99	-28	1.52	-26	1.81
10	C1589X-L1000	1560	-30	1.21	-28	1.86	-24	2.22
12	C1589X-L1200	1920	-30	1.44	-28	2.21	-24	2.62
15	C1589X-L1500	2300	-30	1.76	-28	2.71	-24	3.23
25	C1589X-L2500	3885	-26	2.85	-26	4.39	-24	5.24
26	C1589X-L2600	3965	-26	2.97	-26	4.57	-24	5.44