

## Jumper 1/2SF PE 4.3-10 Male elbow – 7/16 Din Male elbow **ASTB-C4451X**

### Description

<b>Cable:</b>	ACOME 50-1/2SF PE cable
<b>Connector:</b>	Screw Type 4.3-10 Male elbow/7/16 Din Male elbow
<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>	0.50 KW	
<b>Velocity:</b>	83%	
<b>Passive Intermodulation Measured In Swept Frequency Mode, With 2 × 20W Carriers:</b>	IM3 at 900MHz	≤ -155 dBc
	IM3 at 1800MHz	≤ -155 dBc
	IM7 at 2100MHz	≤ -155 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>	Din interface	30 N.m Max.
	4.3-10 interface	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)
1	C4451X-L100	345	-28	0.31	-26	0.37	-24	0.41
2	C4451X-L200	495	-28	0.42	-26	0.54	-24	0.60
3	C4451X-L300	640	-28	0.53	-26	0.71	-24	0.81
4	C4451X-L400	788	-28	0.64	-26	0.87	-24	1.05
5	C4451X-L500	936	-28	0.75	-26	1.05	-24	1.20
7	C4451X-L700	1235	-28	0.89	-26	1.36	-24	1.62
10	C4451X-L1000	1676	-28	1.22	-26	1.87	-24	2.22