

## Technical data

# Tower Antenna Mount (TAM)

### Short description

Tower Antenna Mounts (TAMs) from LEAX Arkivator Telecoms are designed to allow an equipment pole to be offset and tilt able from a parent pole or tower leg, which makes it possible to compensate to get a vertical pole on an inclined tower.






The TAMs are designed for installation of several small radio links or one large link up to 170 kg with strut support. The TAMs can be installed on masts as well as conical towers and they can handle a wide range of all common frame leg designs; L-profile, round and square.

All components are made of hot dip galvanized and high strength steel which gives the support excellent strength and corrosion resistance.

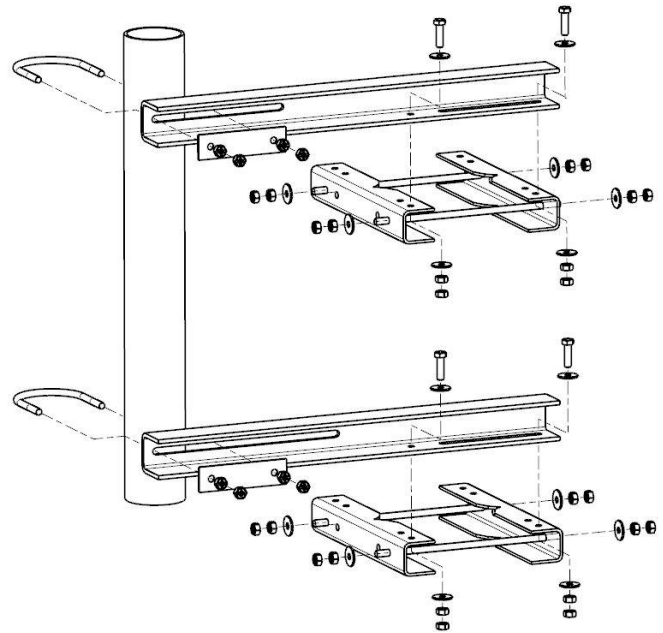
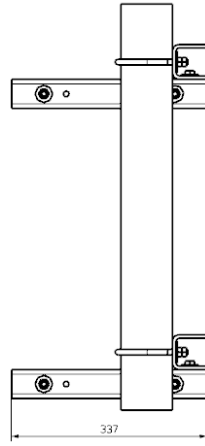
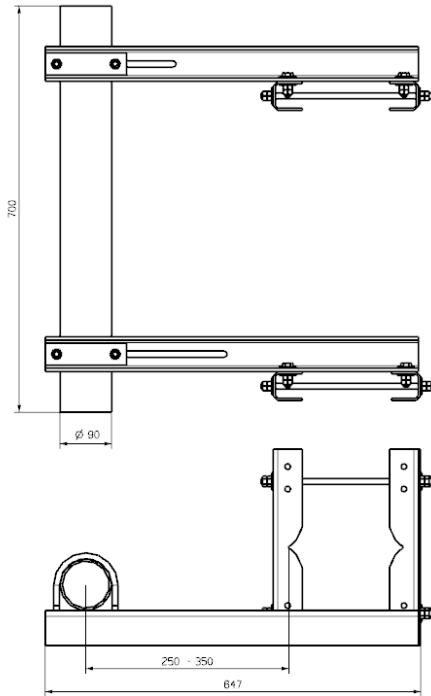
LEAX Arkivator Telecoms TAMs are designed to meet environmental conditions and environmental tests for telecommunications equipment according to ETSI EN 300 019-2-4.

All LEAX Arkivator Telecom products are RoHs compliant.

## Technical information

Mechanical data	Version (product number)		
	TAM00101	TAM00201	TAM00202
<b>Maximum total equipment weight:</b>	71 kg	170 Kg	
<b>Tower Antenna Mount weight:</b>	23.5 kg	51 kg	56,4 kg
<b>Maximum load:</b>	6000 N	14000N	
<b>Standard Pole diameter:</b>	90 mm	114 mm	
<b>Standard Pole length:</b>	700 mm	1500 mm	2000 mm
<b>Distance from the mast:</b>	250 – 350 mm	300 – 450 mm	
<b>Compatible with mast/tower profiles:</b>			
L-profile (90°) 	L40 x L40 – L150 x L150 mm	L40 x L40 – L200 x L200 mm	
Square profile 	40 x 40 – 140 x 140 mm	40 x 40 – 120 x 120 mm	
Round profile 	25 – 169 mm	25 – 140 mm	
<b>Materials:</b>			
Clamps and brackets	SS-EN 10 025-S355J2, Hot dip galvanized, SS-EN ISO 1461		
Fasteners	Steel 8.8, hot dip galvanized		
<b>Tightening torques:</b>			
Threaded rods and U-bolts	M10, 29 Nm	M12, 40 Nm	
<b>Suitable for LEAX Microwave Antenna sizes:</b>	0.3 m – 1.2 m	0.3 m – 1,8 m	
<b>Designed for loading cases according to ETSI EN 300 019-2-4:</b>	<ul style="list-style-type: none"> <li>• Shock, 5 G, 11 ms, 3 directions</li> <li>• Shock, 25 G, 6 ms, 3 directions</li> <li>• Vibration, sine, 3 mm displacement, 2-9 Hz, 3 axes</li> <li>• Vibration, sine, 1 G acc, 9-200 Hz, 3 axes</li> <li>• Survival wind loads 70 m/s</li> <li>100 kg static weight in z-direction</li> </ul>		

## Drawing TAM00101



Drawing TAM00201/TAM00202

