



Steel quality

Steel: s355 + hot-dip galvanized acc. EN ISO 1461  
 Threaded rods: 8.8 FZV

Performance

- Max vertical load equipment per bracket: 35kg
- Max horizontal load antenna front per bracket incl safety factor: 1,8kN
- Max wind load area antenna front per bracket incl form factor (C x A): 0,6m<sup>2</sup>
- Max horizontal load antenna side per bracket incl safety factor: 0,9kN
- Max wind load area antenna side per bracket incl form factor (C x A): 0,3m<sup>2</sup>
- Max installation height: 70meter
- Terrain classification: TC1
- Reference wind speed: 27m/s
- M8 nut tightening torque: 24Nm
- M8 2nd nut tightening torque: 24Nm
- M10 nut tightening torque: 30Nm
- M10 2nd nut tightening torque: 47Nm

Can be mounted upside down.

Installation and maintenance guides are available on our website [www.telecomsteel.com](http://www.telecomsteel.com)

Basis for structural design is according to EN 1990:2007 and Danish National Annex DS/EN 1990/NA.

Manufacturing of the structure is carried out in accordance with Execution Class EXC2 as per EN 1090-1+A1:2012 and EN 1090-2:2018.

Governing environmental loading is assessed as wind load, and actions on structures are determined according to EN 1991-1-4 and Danish National Annex DS/EN 1991-1-4/NA. CE marking is performed in accordance with the Construction Products Regulation (CPR).

Item numbers			
Size	Without adaptor	XM-XH adaptor	5G adaptor
Ø40-Ø114,3mm	40070	40080	40090

Designed by AndersPedersen	Checked by	Approved by	Date	Date	
				15-12-2025	
 <b>TELECOMSTEEL</b> DANISH DESIGN & QUALITY			AO single		
			40070	Revision E	Sheet 1 / 1

