

Product Information

Supporting Mast TR Series

The supporting mast is applicable when the application requires the mounting of an active antenna on a mast. The supporting masts are available in several versions.

For the mounting of aas.tech active monopole antennas of the STA series the holder EAH 1 is required additionally. Active dipole or combination antennas can be mounted directly.

When using the supporting mast TR 10/E1 with the holder EAH 1 the distance from ground to antenna base is 1 m.

The TR 10/E1 is a lightweight mast, colored RAL 7035 made of aluminum and internal N cable assembly. The cable outlet is fitted with an N-Socket flange.

The mast basement provides an earthing lug.

Technical Data TR 10/E1

Parameter	Data TR 10/E1
Dimension (h x d)	894 x 60/230 mm
Weight	approx. 3,3 kg
Material	Aluminum
Color	RAL 7035
Bending moment at mounting flange with antenna	950 Nm (wind speed 150 km/h)
Mounting	6 screws M10
Cable Flange	N socket
Connector to antenna	N cable plug

Design and specification are subject to change without prior notice, errors excepted.
 Data given without tolerance are typical values.

Scope of Supply

Pos.	Description
1	Supporting Mast with internal N cable assembly TR 10/E1



Variants for General Purposes

For general purposes heavy-duty versions made of hot-galvanized steel are available. The masts can be fitted with an internal cable assembly according to customer requirements.

Technical Data

Parameter	TR 10/E	TR 20/E	TR 30/E
Application	supporting mast		
Dimension (h x d)	894 x 60/230 mm	2000 x 60/230 mm	3000 x 60/230 mm
Weight	approx. 10 kg	approx. 15 kg	approx. 20 kg
Material	steel (hot-galvanized)		
Bending moment at mounting flange with antenna	950 Nm (wind speed 150 km/h)		
Mounting	6 screws M10		

Design and specification are subject to change without prior notice, errors excepted. Data given without tolerance are typical values.

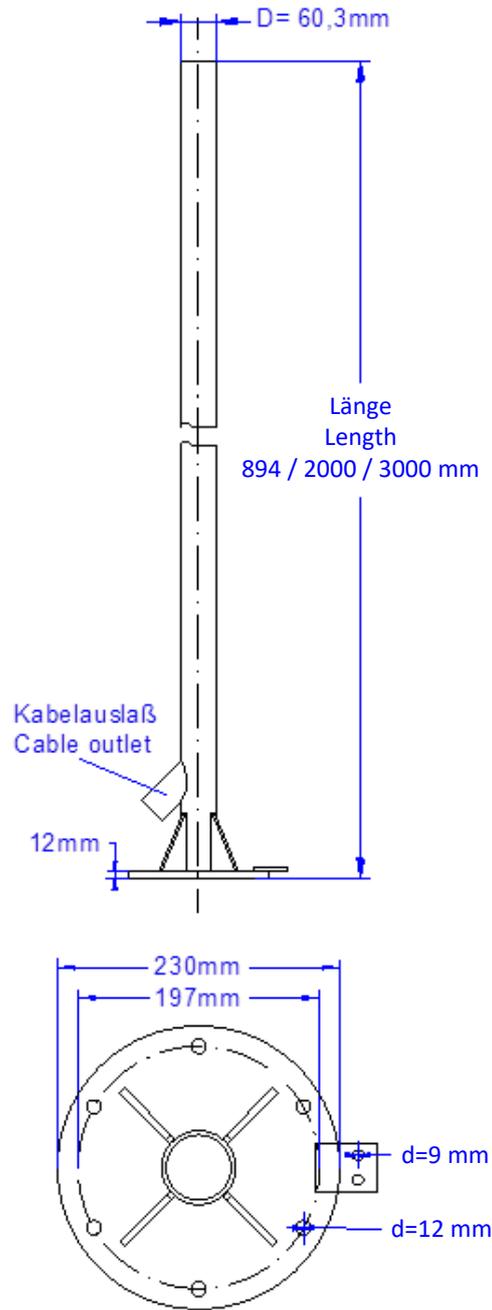
Variants and Order Information

Type Designation	Part No. NSN	Description
TR 10/E1	0007.3411.00	With the supporting mast TR 10/E1 the distance from ground to antenna base is 1 m. The TR 10/E1 is a lightweight mast, colored RAL 7035 made of aluminum providing a height of 894 mm and internal N cable assembly.
TR 10/E	0007.3401.00	With the supporting mast TR 10/E the distance from ground to antenna base is 1 m. The TR 10/E is a general-purpose heavy-duty version (approx. 10 kg) made of hot-galvanized steel providing a height of 894 mm.
TR 20/E	0007.3403.00	With the supporting mast TR 20/E the distance from ground to antenna base is approx. 2 m. The TR 20/E is a general-purpose heavy-duty version (approx. 15 kg) made of hot-galvanized steel providing a height of 2000 mm.
TR 30/E	0007.3405.00	With the supporting mast TR 30/E the distance from ground to antenna base is approx. 3 m. The TR 30/E is a general-purpose heavy-duty version (approx. 20 kg) made of hot-galvanized steel providing a height of 3000 mm.

Dimensions



TR 10/E
 Cable outlet
 fitted with N socket flange



Options

Option	Part No. NSN	Description
RAL Color Code	depends on RAL color code	Painting in RAL color according to customer specification
Cable Assembly	2078.xxxx.00	Pre-assembled coaxial cable according to customer specification. Type of connectors and type of cable to be specified by customer.

Other or customer specific options are available on request.

Associated Products

For integration into the application environment associated products are available.

Type Designation	Part No. NSN	Description
EAH 1	0007.2800.00 ---	Holder for Monopoles, RAL 7035 Doc. FIG 010501

