

Yagi Antenna Kit

T1KT1102

Description

The Yagi Antenna Kit is used to connect an external, outdoor Yagi antenna to a Flare sensor unit. The kit includes the following items:

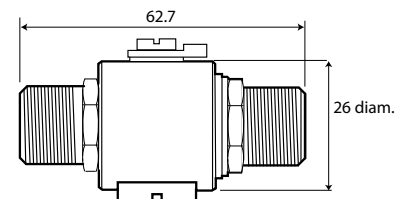
- Yagi antenna:
 - Radiation pattern: directional
 - Frequency: 450–470 MHz
 - Includes bracket to support pole-mount on a 2.5–5.4 cm (1–2.125 in) mast
 - Wind survival (without ice): 200 km/h (125 mph)
- Whip antenna:
 - Radiation pattern: 360 degrees
 - Frequency: 450–470 MHz
 - Connector: TNC
 - Length: Less than 17.8 cm (7 in)
- Lightning arrester:
 - Gas discharge tube
 - Nominal/max discharge rate: 5 kA / 20 kA
 - Grounding terminal
 - TNC connectors
- RG8 coaxial cable:
 - 15.25 m (50 ft) length, 11 AWG, 50Ω
 - Pre-terminated with connector specific to antenna model
- RG58 coaxial cable:
 - 1.5 m (5 ft) length
 - Pre-terminated with TNC connectors
- TNC crimp connector
- Extender cable assembly (x2):
 - 220 mm (8 1/2 in) RG174 cable
 - Bulkhead TNC connector and SMA connector
- Installation instructions



Yagi outdoor antenna

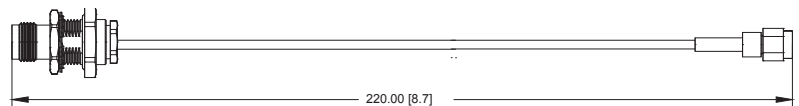


Whip antenna



Dimensions in mm

Lightning arrester



Extender cable assembly

See the Flare Datasheet for a full system description. Components may differ from images.