

Item no.: SH-TP-5-70

## SH-TP-5-70 - Symmetrical horn antenna for Simper radios

**93,13 EUR**Item no.: SH-TP-5-70  
shipping weight: 2.00 kg  
Manufacturer: RF Elements

### Product Description

RF Elements SH-TP-5-70 - Symmetrical horn antenna for Simper radios

Symmetrical horn antennas have a symmetrical beam distribution in the horizontal and vertical planes. This beam distribution does not vary with the frequency and the antenna gain is thus balanced over a wide frequency range. Symmetrical horn antennas are low-loss and have attenuated side lobes. These characteristics make the horn antennas ideal for use as sector antennas.

Advantages of a wide vertical beam width

The symmetrical sector antennas have a wide vertical beam width, which offers advantages in the coverage area. More coverage without zero

Symmetrical sectors cover a larger area than traditional sectors with a narrow vertical beam width. Symmetrical sectors have no problems connecting close clients.

Easy co-location

As a result of the very low sidelobes of the horn antennas, the symmetrical sector antennas are ideal for cluster deployments and co-location.

TwistPort connection

The Simper radios are attached to the sector antennas via a simple "twist and click". The connection to the radio is virtually loss-free.

Compact and weatherproof

The symmetrical sector antennas are compact and easy to install almost anywhere. They are made from the best weatherproof materials such as aluminium, plastic or stainless steel.

Antenna connection: TwistPort - quick-release waveguide port- Antenna type: Horn- Environment: IP55- Temperature: -30°C to +55°C (-22°F to +131°F)- Weight: 1.3 kg- Wind resistance: 160 km/h- Mechanical tilt: +/- 25°

Dimensions (H x W x D): 134 x 242 x 128 mm

Power- Frequency range: 4900 - 6200 MHz- Gain: 12 dB- Polarisation: Horizontal + vertical- Front-to-back ratio: 29 dB- Xpol attenuation: 27-28 dB- BW Azimuth: 70° (-6 dB)- BW Elevation: 70° (-6 dB)

### Specifications

Scan this QR code to  
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All details, up-to-date  
prices and availability

