

Item no.: SH-TP-5-80

## SH-TP-5-80 - Symmetrical Horn Antenna for Simper Radio

**77,31 EUR**

Item no.: SH-TP-5-80  
shipping weight: 2.00 kg  
Manufacturer: RF Elements



### Product Description

RF Elements - SH-TP-5-80, Symmetrical Horn Antenna for Simper Radio

Symmetrical Horn antennas have a symmetrical beam pattern in both horizontal and vertical planes. The beam pattern does not vary with the frequency, the antenna gain is balanced over a wide frequency range. Symmetrical Horn antennas are low-loss and have attenuated side radiation lobes. This makes them excellent for use as sector antennas.

Benefits of a wide vertical beam width:

Symmetrical Sector antennas have a wide vertical beamwidth that provides benefits in coverage pattern. More Coverage without Null:

Symmetrical Sectors cover more area than traditional sectors with a narrow vertical beamwidth. Symmetrical Sectors have no issues with connecting close clients. Easy Co-location:

As a result of the very low sidelobes of the horn antennas, Symmetrical Sectors are ideal for cluster deployments and co-location. TwistPort Connector:

Connecting Simper Radios to Sector Antennas is a simple twist and snap. Connection with radio is virtually lossless. Compact and Weatherproof:

Symmetrical Sector antennas are compact and easy to mount virtually anywhere. Symmetrical Sectors are made of the best weather resistant materials as aluminium, plastic and stainless steel.

- Antenna connection: TwistPort - Quick Locking Waveguide Port
- Antenna type: Horn
- Environmental: IP55
- Temperature: -30°C to +55°C (-22°F to +131°F)
- Weight: 1.3 kg
- Wind survival: 160 km/hour
- Mechanical tilt: +/- 25°
- Dimensions (H x W x D): 148 x 249 x 128 mm

### Performance

- Frequency range: 4900 - 6200 MHz
- Gain: 11 dB
- Polarization: Horizontal + vertical
- Front-to-back ratio: 29 dB
- Xpol attenuation: 23-24 dB
- BW azimuth: 80° (-6 dB)
- BW elevation: 80° (-6 dB)

### Specifications

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

