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 radiosSymmetrical 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 widthThe symmetrical sector antennas have a wide vertical beam width, which offers advantages in the coverage area.More coverage without zeroSymmetrical sectors cover a larger area than traditional sectors with a narrow vertical beam width. Symmetrical sectors have no problems connecting close clients.Easy co-locationAs a result of the very low sidelobes of the horn antennas, the symmetrical sector antennas are ideal for cluster deployments and co-location.TwistPort connectionThe 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 weatherproofThe 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 mmPower- 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 view the product
All details, up-to-date prices and availability