

¼ λ Mobile Rubber Antenna for the 160 MHz Band

DESCRIPTION

- High-flexibility rubber whip with cast-in steel-wire radiating element.
- Ideal where the whip may be exposed to mechanical shock or severe deflection when driving under low objects.
- Stainless steel Z-mount with ball-joint and wing screw whip-fastening system.
- Simple mounting exclusively with access from the outside.
- Models with roof thickness from 2 mm to 7.5 mm mounting from the inside.
- Choice between two connection principles:
 - Z-mount: FME-connection (supplied without cable).
 - ZP4-mount: Permanently attached 4 m cable terminated with FME-connector.



ORDERING

Type	Product No.	Description
MH 4-Z	130000763	Z-mount with FME-system
MH 4-ZP4	130000766	ZP4-mount with 4 m cable and FME-connector

SPECIFICATIONS

Electrical	
Model	MH 4-Z
Frequency	Tunable by cutting within: 144 - 175 MHz (Also applicable: 175 - 225 MHz)
Antenna Type	¼ λ mobile whip antenna
Polarisation	Vertical
Impedance	50 Ω
VSWR	≤ 1.3:1 @ f.res.
Maximum Input Power	150 W
Bandwidth	≥ 15 MHz @ SWR ≤ 2.0
Gain (EIA RS-329-1)	0 dB

Mechanical	
Materials	Whip: Multicore steel wire moulded in elastomer Chromed brass Mount: Chromed brass Weather- and shockproof plastics Stainless steel
Installation Torque	7.5 ±1 Nm
Colour	Black
Height	490 mm / 19.29 in.
Weight	Z-version: Approx. 200 g / 0.44 lb. ZP4-version: Approx. 350 g / 0.77 lb.
Mounting	21 mm dia. hole (For roof thicknesses 2 mm up to 7.5 mm mounting hole should be 22 mm dia.)
Mounting Plate Thickness	Max. 2.0 mm (Models up to 7.5 mm on request)

