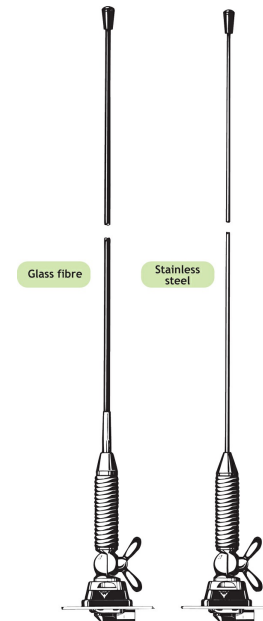


## ¼ λ Mobile Antenna with Shock Spring for the 80 MHz Band

### DESCRIPTION

- Sturdy, general-purpose ¼ λ antenna in professional quality.
- Available with glass fiber or stainless steel whip.
- Stainless steel Z-mount with ball-joint and wing screw whip-fastening system.
- Available with bright or black-chromed metal parts (mount and whip):
  - ML 1-Z...: Bright version
  - ML 1-BZ...: Black version
- 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

Model	Product No.	Description	Frequency
ML 1-ZR	130000616	Stainless Steel Whip	Z-mount with FME-system BRIGHT
ML 1-BZR	130000621	Stainless Steel Whip	BZ-mount with FME-system BLACK
ML 1-ZP4R	130000618	Stainless Steel Whip	ZP4-mount with 4 m cable and FME-connector BRIGHT
ML 1-BZP4R	130000622	Stainless Steel Whip	BZP4-mount with 4 m cable and FME-connector BLACK
ML 1-Z	130000605	Glassfibre Whip	Z-mount with FME-system BRIGHT
ML 1-BZ	130000606	Glassfibre Whip	BZ-mount with FME-system BLACK
ML 1-ZP4	130000607	Glassfibre Whip	ZP4-mount with 4 m cable and FME-connector BRIGHT
ML 1-BZP4	130000608	Glassfibre Whip	BZP4-mount with 4 m cable and FME-connector BLACK

### SPECIFICATIONS

Electrical	
Model	ML 1-Z
Frequency	Tunable by cutting within: 66 - 88 MHz (Also applicable: 88 - 175 MHz)
Antenna Type	¼ λ mobile whip antenna
Max. Input Power	250 W
Polarisation	Vertical
Impedance	50 Ω
VSWR	≤ 1.3:1 @ f. res.
Bandwidth	≥ 8 MHz @ VSWR ≤ 2.0
Gain (EIA RS-329-1)	0 dB
Mechanical	
Materials	Whip: Conical glass fiber or Stainless steel Chromed brass Spring: Stainless steel Mount: Chromed brass Weather- and shockproof plastics Stainless steel
Installation Torque	7.5 ± 1 Nm
Colour	Black or bright, see mount variant
Height	Approx. 1100 mm / 43.31 in.
Weight	Z-version: Approx. 250 g ZP4-version: Approx. 400 g
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)

