

Section 8

PORTABLE ANTENNAS

Updated 22 February 2011

Flexible Whips with SMA Female Connector

Frequency
130 – 520 MHz

Bandwidth
See Table



These highly flexible whips will fit on to portable radios which have an SMA Male connector.

- **ZSMA-165F** is tuned for 130 to 200 MHz.
- **MW4052** covers the full UHF frequency range 403 to 520 MHz.
- **MW4547** is for a narrower range 450 to 470 MHz at better than 1.8:1 VSWR

All models are black thermoplastic with an SMA Female connector located inside the base.



SPECIFICATIONS	ZSMA-165F	MW4052	MW4547
Frequency Range	130–200 MHz	403–520 MHz	450–470 MHz
VSWR	< 2.5:1	< 2.5:1	< 1.8:1
Tuning	Factory	Factory	Factory
Gain	2.1 dBi	2.1 dBi	2.1 dBi
Maximum Power	25 Watts	25 Watts	25 Watts
Impedance (Nom)	50 Ohms	50 Ohms	50 Ohms
Polarisation	Vertical	Vertical	Vertical
Pattern	Omnidirectional	Omnidirectional	Omnidirectional
Connector in Base	SMA Female	SMA Female	SMA Female
Height	16 cm	14 cm	17.5 cm
Weight	16 grams	15 grams	16 grams
Construction	Black TPEE (Thermoplastic Polyether Elastomer)		