

SM39	
Multiband Scanning Whip	
Frequency	Bandwidth
40 – 950 MHz	Full Band Receive



Standing 85 cm tall, SM39 is a very effective multiband scanning whip to receive transmissions by ambulance, police, airband and UHF commercial services. Factory tuned to cover the full frequency range 40 to 950 MHz, mount the whip to any antenna base with 5/16"–26 TPI thread.

SM39 is a low cost alternative to the B51H broadband disccone base station antenna. It is also ideal for clients requiring a broadband mobile receiving whip of a practical size to mount on a vehicle.

Construction consists of multiple windings on a fibreglass rod with black UV stabilised PVC polyolefin heatshrink covering and chrome plated brass ferrule.

The windings and incorporated chokes on this antenna are designed to give strong resonances at bands of maximum interest to the scanning listener.

Please note that ZCG Scalar provide this antenna for legal use only and not for unauthorised listening.



SPECIFICATIONS	SM39
Construction	Multiple windings on fibreglass core, UV stabilised PVC polyolefin heatshrink covering and chrome plated brass ferrule
Frequency Range	40 to 950 MHz Receive Only
Tuning	Factory
VSWR	1.9:1 typical average
Maximum Power	Not for transmit
Polarisation	Vertical
Height	85 cm
Weight	155 grams
Mount Ferrule	5/16"–26 TPI thread

Mounting bases recommended and available separately



OB-2
Australian Standard UHF OB Base, Black, 5/16"–26 TPI thread, no cable, no connector



OB4.7
OB-2 Base, Black, 4.7 metres RG58 low loss stranded cable, UHF male solder connector supplied (not fitted)



OB4.7-BNC
OB-2 Base, Black, 4.7 metres RG58 low loss stranded cable, BNC male crimp connector fitted



OB-1.5BNC
OB-2 Base, Black, 1.5 metres RG58 low loss stranded cable, BNC male crimp connector fitted



MGB-OB
Magnetic OB-2 Base, steel with polished black powder coat finish, 10.5 cm diameter, heavy duty magnet, PVC matted pad on bottom, 4.7 metres RG58 low loss stranded cable side exits, no connector



The "MS Base" medium duty stainless steel spring with 5/16"–26 TPI male and female threads will suit any mobile whip being mounted onto our OB-2 antenna bases. Screw the spring onto the base and the whip onto the spring.

- ⌀ 60 mm tall x 20 mm diameter.
- ⌀ 5/16"–26 TPI male and female threads.

All these antenna mounting bases will require a metal ground plane for effective performance.