

Part No

02680A

360-520MHz

UHF Side Mount Dipole

The 02680A side mount dipole is a rugged broadband dipole for use in the band 360-520MHz band. It is an all welded and polished Stainless Steel construction, suited to all harsh environments. The antenna can be mounted in three configurations to allow for different shaped radiation patterns in the H plane, including $\frac{1}{4}$, $\frac{1}{2}$ and Full Wave length spacing from the vertical mounting pole.



Applications

Wide Beamwidth, low gain, Base Station

Tuning

No tuning required – factory tuned

Features

- ✓ All Electropolished Stainless Steel
- ✓ Broad H plane pattern
- ✓ Rugged construction
- ✓ Broad VSWR bandwidth
- ✓ Mounting markers $\frac{1}{4}$, $\frac{1}{2}$, 1 wave

Provided Mountings

02810S Stainless Steel, right angle mtg bracket is included with the antenna

Specifications

Gain:	2.5dBd
VSWR:	<1.5:1
Impedance:	50 Ohm Nominal
Power Rating:	500watts
Polarisation:	Vertical
E Plane:	80 deg
H Plane:	Directional – see radiation patterns
Cable:	RG-214 cable tail
Termination:	N Male connector
Base Materials:	Stainless Steel
Antenna+boom length:	820 mm
Net Weight:	1.5kg
Wind Loading:	0.03512 sqm 3.88kg (38.0N) @ 160kph

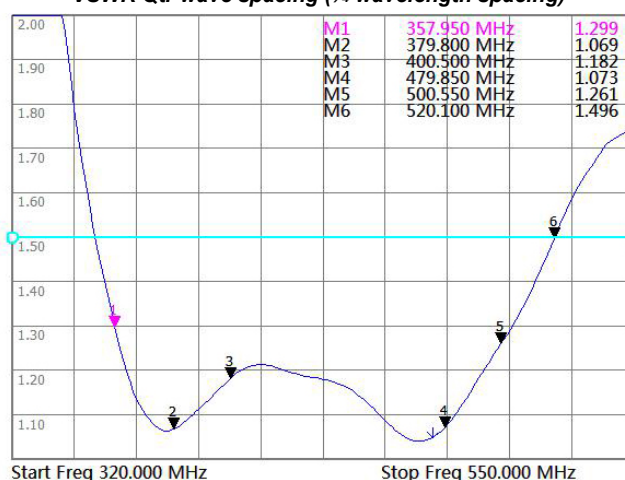
Packaging

Cardboard box, 1 Antenna per box, 900x315x75mm, **GW** 2.4kg

Warranty

3 years (Please refer to [Benelec Terms & Conditions](#))

VSWR Qtr wave spacing ($\frac{1}{4}$ wavelength spacing)



Radiation Patterns

