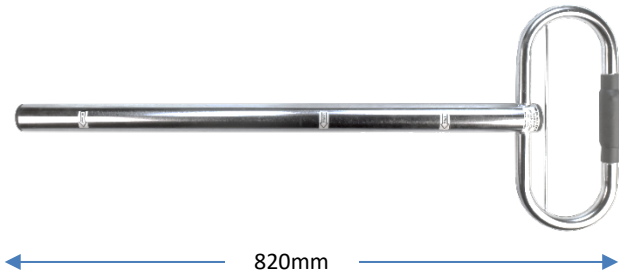


## DATASHEET

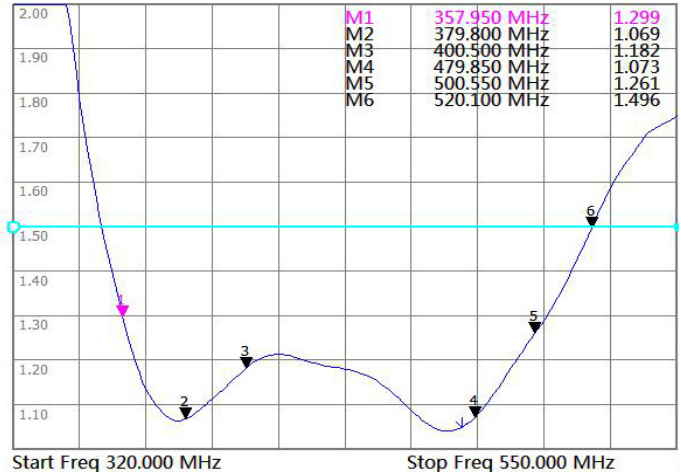
### UHF SIDE MOUNT DIPOLE

360 – 520 MHz

PART NO: **02680A**



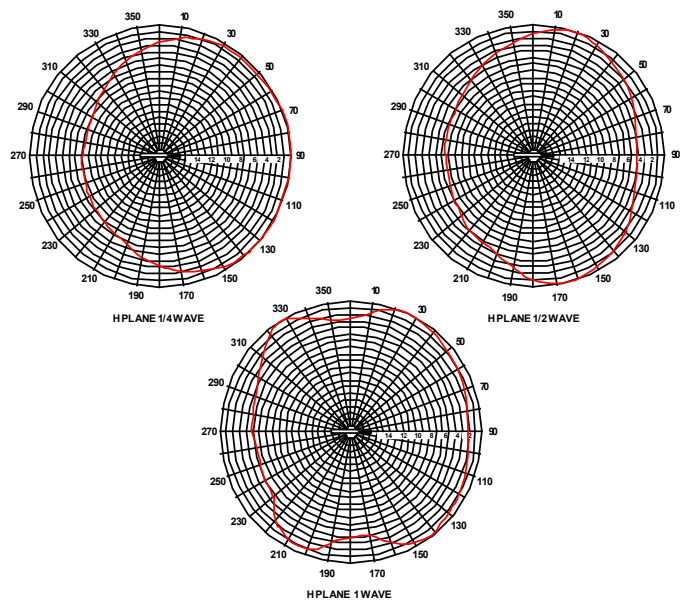
#### VSWR ¼ WAVELENGTH SPACING



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 ¼, ½ and Full Wave length spacing from the vertical mounting pole.

#### RADIATION PATTERNS



#### APPLICATIONS

Wide Beamwidth, low gain, base station.

#### FEATURES

- All electropolished stainless steel
- Broad H Plane pattern
- Rugged construction
- Broad VSWR bandwidth
- Mounting markers ¼, ½, 1 wave

#### PROVIDED MOUNTINGS

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

#### PACKAGING

Cardboard box, 1 Antenna per box, 900 mm x 315 mm x 75 mm, G.W. 2.4 kg

#### WARRANTY

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

#### SPECIFICATIONS

Gain	2.5 dBd
VSWR	< 1.5:1
Impedance	50 Ω Nominal
Power Rating	500 Watts
Polarisation	Vertical
E Plane	80 °
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	1.5 kg
Wind Loading	0.03512 m <sup>2</sup> 3.88 kg (38.0 N) @ 160 kph