

Wagner

ELECTRONIC SERVICES A/Asia
138 LIVERPOOL RD ASHFIELD 2131
PH 02 97989233 FAX 02 97980017



SECTION

19

COMMUNICATION ACCESSORIES

2009

Wagner Electronic Services has been supplying accessories to the electronic manufacturing, servicing & installation industry for 25 years !

We supply an extensive and comprehensive range of antennae and accessories to suit communication & CB radio. Including Plugs, Leads, Mounting Hardware and Antennae Whips & Base Stations.

CONTENTS

GPS	19-2
CB Microphone	19-4
CB Speakers	19-6
Adaptors	19-8
Interconnect Cable	19-12
Antenna Bases	19-14
Scanner Antenna	19-18
AM/FM & Next-G	19-19
Boat Antenna	19-20
UHF Antenna	19-21



GPS ANTENNA

AERPRO ANTENNA

Compact stick-on type using a strong magnet or sticky back. Tuned L1 Band 1575.42MHz 5M Cable with MMCX Connector Code AP005GPS



GPS & CDMA/NEXT-G COVERT MOUNT

TRI-BAND 27dB

Super small 40x60x16mm Both GPS and Cellular In one compact unit CDMA/Next-G 2dB Satellite GPS 5dBi Active GPS Booster 27dB Non-obtrusive compact mini-covert install protected from moisture and the elements inside Quality ABS plastic Phantom powered 3.3-5Vdc GPS lead 4.5M RG174 coax Terminates to SMA plug GPS 1575.42MHz ±2MHz 27dB with 2dB Noise max. CDMA/Next-G Cellular Coaxial lead 4.5M RG58 Terminates to TNC Male Compact Size 40x60x16mm Plus 2x 4cm whips Benelec 0294202 Code ANT505



BENELEC



MAGNETIC GPS ANTENNA

MINI-EXTERNAL ACTIVE ANTENNA

1575.42MHz Bandwidth ±5MHz Peak Gain 3dBic (7cm² Ground pane) Coverage Gain -4dBic at ±90° RHCP LNA Gain 28dB Typical (Filtered) VSWR 2.0 with 3 Metres RG174 Terminated to SMAp (male) Magnetic base 100% Weather proof ABS 40x35x15mm Benelec 0294105 Plug SMA Code ANT504



GPS & GSM ANTENNA COVERT MOUNT

TRI-BAND 27dB

Super small 40x60x16mm Both GPS and Cellular In one compact unit Cellular GSM900 2dB Cellular GSM1800 2dB Satellite GPS 5dBi Active GPS Booster 27dB Non-obtrusive compact mini-covert install protected from moisture and the elements inside Quality ABS plastic Phantom powered 3.3-5Vdc GPS lead 4.5M RG174 coax Terminates to SMB plug GPS 1575.42MHz ±2MHz 27dB with 2dB Noise max. GSM lead 4.5M RG58 Terminates to SMA Male Compact Size 40x60x16mm Plus 2x 4cm whips Benelec 0294204 Code ANT506



BENELEC



GPS ANTENNA SURFACE MOUNT

GPS 1575MHZ 26dB

Super compact 2.5"Ø Antenna 5dBi Gain Active GPS Booster High performance 27dB Designed for roof mount Low profile and compact Roof, trunk or bulkhead Weatherproof radome white 5/8" Hole Mount required Phantom powered 3.3/5Vdc Includes 4.5M RG174 coax Terminates to SMA plug GPS 1575.42MHz ±2MHz 27dB with 2dB Noise max. Compact Size 20x50mmØ Benelec 0294104 Code ANT503



GPS & MOBILE PHONE GLASS MOUNT

TRI-BAND THRU-GLASS ANTENNA

GSM, GPRS, 3G, Next-G, WCDMA, UMTS & PCS. Benelec Unity gain, Multi band Glass Mount Unity gain ALL cellular phone bands. This antenna also incorporates a high performance active GPS antenna. Designed to be mounted on the inside of the vehicle front windscreen. Cellular 820-960MHz 1710-2200MHz 0dB LL195 2.5M SMA-Male GPS 1575.42MHz 5dBi Antenna 28dB amplifier 3-5Vdc Phantom LL100 2.5M SMA-Male 198x36mmØ 100g GPS & TERRESTRIAL Code ANT514



WITHOUT GPS

Terrestrial bands only Code ANT515

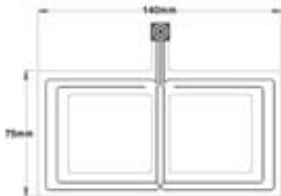


GPS ANTENNA CLEAR!

WINDOW MOUNT 27dB

Transparent window discreet sticker
 Two full wave loops
 Antenna gain is 4.5dB
 Clear polyester mylar
 Mount on a windscreen
 3M 467 Epoxy adhesive
 Gets stronger over time
 Active GPS Booster for High performance 27dB
 Low noise output signal
 Phantom powered 3/5Vdc
 Includes 4.5M RG174 coax
 Terminates to SMA plug
 GPS 1575.42MHz ±2MHz
 140x75mm clear flexible
 Exceptional performance
 Innovative design
 Code ANT920

ADHERE TO WINDOW



GPS ANTENNA GLASS MOUNT

DUAL-BAND 27dB

Antenna 5dBi Gain
 Active GPS Booster
 High performance 27dB
 Designed for internal Mounting protection
 Low profile thru-glass
 Ideal for windscreens
 Quality radome cased
 Phantom powered 3.3/5Vdc
 Includes 4.5M RG174 coax
 Terminates to SMA plug
 GPS 1575.42MHz ±2MHz
 27dB with 2dB Noise max.
 Compact Size 51x41x22mm
 Benelec 0294101
 Code ANT501



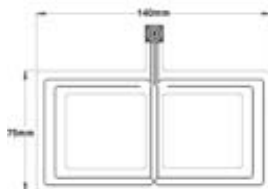
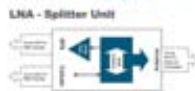
BENELEC

GPS & CDMA GSM NEXT-G CLEAR!

MULTI-BAND WINDOW MOUNT

Transparent window discreet sticker type
 Two full wave loops
 Antenna gain is 4.5dB
 Clear polyester mylar
 Mount on a windscreen
 3M 467 Epoxy adhesive
 Active GPS Booster for High performance 27dB
 Phantom powered 3/5Vdc
 Includes 3M RG174 coax
 Terminates to FME plug
 GPS 1575.42MHz ±2MHz
 Also includes cellular phone reception with a separate antenna connect
 GSM1800 GSM900 CDMA 4.5dB
 Includes 1M RG58 coax
 Terminates to FME plug
 140x75mm clear flexible
 Exceptional performance
 Innovative design
 Code ANT921

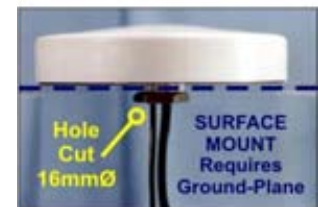
ADHERE TO WINDOW



GPS & GSM ANTENNA SURFACE MOUNT

TRI-BAND GPS 26dB & GSM

Low profile 20x115mmØ
 Both GPS and Cellular
 In one compact unit
 Cellular GSM900 0dB
 Cellular GSM1800 0dB
 Satellite GPS 5dBi
 Active GPS Booster 27dB
 Weatherproof Radome
 White polycarbonate
 16mm Hold mount
 Up to 6mm Thick
 Grommet sealed
 Phantom powered 3.3Vdc to 5Vdc 20mA
 GPS lead 4.5M RG174 coax
 Terminates to SMA plug
 GPS 1575.42MHz ±2MHz
 27dB with 2dB Noise max.
 GSM lead 4.5M RG58
 Terminates to TNC Male
 Compact Size 20x115mmØ
 Benelec 0294303
 Code ANT507



BENELEC

GPS ANTENNA ACTIVE RECEIVER

WITH INBUILT DATA MODULE

Direct connect to computers
 Laptops and PDAs, etc.
 Software NOT included
 Magnetic base portable

USB INTERFACE

Sony 3rd-Gen Chip
 GPS101

USB INTERFACE

SRIF Chipset
 GPS104

IPAQ INTERFACE

GPS102

PALM INTERFACE

GPS103

BLUETOOTH

Cordless w/ battery
 GPS200

DETAILS SEE SECTION 16



CONNECTORS & ADAPTORS

MCX

MCX103 MCX Male RG58 Crimp
 MCX112 MCX Female RG58 Crimp
 MCX102 MCX Male RG174 Crimp
 MCX111 MCX Female RG174 Crimp
 AD1141 MCX Male TO "N" Male
 AD1142 MCX Male TO "N" Female
 AD1140 MCX Male TO SMA Female

MMCX

MMCX101 MMCX Male RG174 Crimp
 AD1120 MMCX Male TO SMA Female
 AD1121 MMCX Female TO SMA Female

SMB

SMB101 SMB Male RG174 Crimp
 SMB105 SMB Female RG174 Crimp

SMA

SMA58 SMA Male RG58 Crimp
 SMA174 SMA Male RG174 Crimp
 SMA174R SMA Male RG174 R/A
 SMF58 SMA Female RG58 Crimp
 AD1140 SMA female TO MCX Male

See Section Seven For More



Locked Bag 30
138 Liverpool Rd
Ashfield 2131



MOBILE COMMUNICATIONS ACCESSORIES
www.benelec.com.au
www.mobileone.com.au

CB MICROPHONE

Push to Talk
Communications
Microphone to
suit CB Radios
Requires Plug
(See NC514-4)
Code DMC508



REMOTE SPEAKER MICROPHONES

Light weight, superior units
High-quality condenser-style
Excellent audio clarity, as
well as a powerful speaker.
It may be secured to the
user's lapel or shoulder.
Rugged Polycarbonate case
High Quality Pu Cord
Stainless Rotating Clip
External Earphone Jack



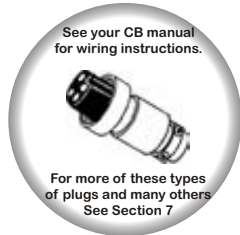
MICROPHONE PLUGS

4 PIN PLUG
NC514-4

RIGHT ANGLE PLUG
NC516-4

PANEL SOCKET
NC515-4

Full range 7-40



KENWOOD

TK-220/320, 240/340, 240D/340D,
TK-208/308, 430/431, 250/350/353,
TK-260/270, 260G/360G, 360/370,
270G/370G, 248/348, 2100/3100,
Pro-Talk, 3101 Free-Talk XL,
2102/3102, Pro-Power, etc.
Code RPA2001



MOTOROLA

GP300, CT450,
GTX, SP50,
P110, P1225,
GP68, PRO3150,
LTS2000, GP88,
GP308, GP2000,
P040, P080
Code RPA2002



DYNAMIC MICROPHONE INSERTS

DMC508 CB Mic.
15x26mmØ 500Ω -74dB
Code CDM143



MINI DYNAMIC MIC
Helmet intercoms, etc.
13x19mmØ 400Ω -62dB
Code DM190

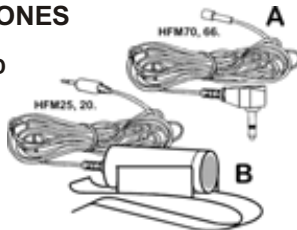
ICOM

IC-F3, IC-F4,
UNIDEN
UH040, UH042
Code RPA2003



CONDENSER MICROPHONES

ELECTRET MIC 12 FOOT LEAD
See section 6 for more
A Mini Mic. 3.5M Lead
B Mic with visor clip



Pix	Plug	Code
A	2.5mm	HFM70
A	3.5mm	HFM66
B	2.5mm	HFM25
B	3.5mm	HFM20

ICOM RIGHT-ANGLE

IC-F3, IC-F4,
UNIDEN
UH040, UH042
Code RPA2004



CURLEY CORD

CB mic leads, etc.

Code	Description	Length _(EXT)
ML3-6	3 Core	1.8M (6ft)
ML3-9	3 Core	2.75M (9ft)
ML3-12	3 Core	3.65M (12ft)
ML5-6	5 Core	1.8M (6ft)
ML5-9	5 Core	2.75M (9ft)
ML5-12	5 Core	3.65M (12ft)



VERTEX

VX-160,
VX-180,
VX-410
VX-420
Code RPA2005



MIC HOLDER

Screw on type
With locking clip
Suits most mics

CHROMIUM
SMH1

STAINLESS
Stainless Steel
SMH2



IN-EAR EXTENSION ADD-ON

Suits RPA2000 Series
Coiled Acoustic In-Ear Piece
Inconspicuous clear plastic
Electronic transducer speaker
Feeds a clear tube the sound.
Standard 3.5mm Mono Plug
Also suits all of the
above RPA microphones
Code RPA2006





"H" SPEAKER MIC

WITH "H" PLUG See Below:
 Heavy-Duty Speaker Mic
 Communications radio
 Interface system 07813H
 Universal "H" Termination
 Requires "H" adaptor below
 Excellent sound performance
 Water resistant moisture seal
 Code RPA2100

3.5MM EARPIECE OPTION

ADD-ON SUITS RPA2100
 Acoustic ear tube
 for use with the
 RPA2100 speaker mic
 for concealment and
 noisy environments
 3.5mm mono plug
 Clear ear piece
 Code RPA2006

"H" EARPIECE & MICROPHONE PTT

ACOUSTIC EAR W/PTT
 Single wire assembly
 Clear plastic tube
 Inner ear piece with
 Push-To-Talk microphone
 Terminates to "H" Plug
 For universal adaptors
 Speak into PTT Button
 Code RPA2101

ACOUSTIC EAR TUBE PARTS:

Storage carry pouch to suit
 RPA2105

Acoustic Ear Tube Assembly
 RPA2107

Replacement Earbuds 2 pieces
 RPA2103 for 2

Quick disconnect plug end
 RPA2106

"H" EARPIECE & MICROPHONE PTT

LAPEL-MIC EAR W/PTT
 Tripple wire assembly
 Clear plastic tube
 Inner ear piece with
 Lapel microphone and
 separate Push-To-Talk
 Terminates to "H" Plug
 For universal adaptors
 Code RPA2102

EAR MOLD KIT #2

REQUIRES INNER-EAR TUBE
 Replaces standard ear piece
 Suits Acoustic ear-bud sets
 RPA2006 / 2101 / 2102, etc.
 This six piece Kit includes
 Three sizes of L & R ears
 6x Ear molds for extra comfort
 Secure hold, Extended periods
 Code RPA2104
 for six.

"H" EARPIECE & MICROPHONE PTT

"D" L-MIC EAR W/PTT
 Single wire assembly
 Private conversation
 Comfortable ear hook
 Lapel microphone and
 Separate Push-To-Talk
 Terminates to "H" Plug
 For universal adaptors
 Code RPA2108

"H" PLUG

UNIVERSAL SYSTEM
 H-Termination Adaptors
 Converts the Universal
 Plug into the following:

RPA2150	K1	Kenwood	TK-220/220, 240/240, 2400/2400, TK-208/208, 430/431, 280/280/283, TK-280/270, 280/280/280, 280/270, 270/270/270, 240/240, 2100/2100 Pro-Talk, 3101 FreeTalk XL, 2102/2102 Pro-Power
RPA2151	M1	Motorola	GP300, CT450, GTX, SP50, P110, P1225, GP68, PR03150, LT52000 GP90, GP300, GP2000, P040, P00
RPA2152	M3	EFJohnson	5100, 7700 Series
RPA2153	M4	Motorola	HT1000, MT7838, MTX1000, JT1000, MT2000, MT52000, XT53000/extra, MTX, XT53600, AT55000, MT2000, MT62000, XT53000, GP900, MTX1000, AT52500, MTX3000
RPA2154	M5	Motorola	HT750, HT1250LS, HT1550XLS, MTX050LS, MTX650, MTX0250LS, MTX0250, PR03150, PR07150, PR09150, PR05350, PR05450, PR05550, PR05750, PR07350, PR07450, PR07750, PR07750, GP225, GP238, GP230, GP330, PTX700, PTX700, PTX780, GP220, GP190, GP340, GP350, GP640, GP680, GP1280
RPA2155	S1	Icom, Maxon, Uniden, GME	IC-F3, IC-F2a, IC-F4, IC-F4a, IC-H2, IC-H0, IC-U12, IC-M5, IC-U12, IC-U15, SP-120V130V140, UHO40, UHO42, TX5000, TX7000
RPA2156	S2	Icom	IC-F3, IC-F2a, IC-F4, IC-F4a, IC-F21
RPA2157	Y1	Vertex	VX-180 and VX-180
RPA2158	Y5	Benelec, Vertex	BL-820, BLP-820, VX-820, VXP-820

"H" HEADSET MICROPHONE & PTT

FINGER STRAP PTT
 Single wire assembly
 Over ear headset suit
 different users, etc.
 Lapel microphone and
 Separate Push-To-Talk
 Terminates to "H" Plug
 For universal adaptors
 Code RPA2109

"H" THROAT MIC EARSET & PTT

DUAL PICKUP THROAT MIC
 Large Push-To-Talk switch
 Around neck mic pick-up
 Reduce background noises
 Acoustic Ear Tube listen
 Heavy duty interconnects
 Terminates to "H" Plug
 For universal adaptors
 Code RPA2110



SPEAKER COMPACT

With mounting bracket,
lead and 3.5mm plug.
Size 80x65x60mm
8Ω SP20
4Ω SP21



SPEAKERS REPLACEMENT TYPE

15x55mmØ 8Ω ¼W
Code SP01



More: 6-15

For other drivers See our Speaker Section Six

SPEAKER WEATHER RESISTANT COMPACT

With mounting bracket
4Ω 2Wnom
Lead 1.8M
Plug 3.5mm
Size 60mmØ
Code CS4



BENELEC

MARINE SPEAKER 7"

White Salt-water resistant.
One piece construction.
Polypropylene driver.
180mm diameter.
75W max power. 4Ω.
5M cable included.
Code MSPK7



BENELEC

SPEAKER RECTANGULAR

With mounting bracket
4Ω 5Wnom
Lead 4.5M
Plug 3.5mm
Size 110x65x55mm
Code CS8



BENELEC

MARINE STEREO SPEAKERS

2-WAY 60W 4Ω 5"
F 120Hz → 20KHz
Code SA502M
pair.

2-WAY 80W 4Ω 6½"
F 60Hz → 20KHz
4Ω 80 Watts
Code SA602M
pair.



SPEAKER SQUARE #1

With mounting bracket
4Ω 20Wmax
Lead 5.0M
Plug 3.5mm
Size 125x125x60mm
Code CS6



BENELEC

MARINE RADIO FACIA

SINGLE DIN SIZED
Weather resistant face
Suits Standard DIN size
Stereo, Radio, Com' units
Protect from water & dirt
Sealed front flip door
Marine white. UV Proof
Code FP9005



SPEAKER SQUARE #2

With mounting bracket
8Ω 13Wmax
Lead 1.8M
Plug 3.5mm
Size 118x111x60mm
Code CS5



MARINE RADIO HOUSING

SINGLE DIN SIZED
Weather resistant capsule
Suits Standard DIN size
Stereo, Radio, Com' units
Protect from water & dirt
Sealed front flip door
Sealed rear cable entry
Marine white. UV Proof
Code FP9003



SPEAKER PA HORN

Black Plastic Weather resistant.
Public Address Horn Speaker.
8Ω 400-6K5Hz
Power 10WMAX
Cord 3 Metres
Size 150x130mmØ
Code PAH1



CAR AUDIO ACCESSORIES

SEE SECTION 18







**CAR SPEAKERS
WIRING LOOMS
CAR ANTENNAE
MOUNTING PLATES**



POWER 12V DC LEAD


3AG 2A Fast Blow Fused
 1.2M Black/Red lead


2 PIN	12x6mm		
Code	DCL2		
3 PIN	18x6mm		
Code	DCL3		

24V TO 12V CONVERTERS

AUSTRALIAN GSL MADE
 Premium Mobile Quality
 See Section Eighteen !

Code	Power
DC24123	3A
DC24125	5A
DC24127	7A
DC241210	10A
DC241214	14A

SECTION 12 



UNIDEN RADIO DC LEAD

2 PIN POWER
 Inline fuse 2A
 2M x 18AWG lead
 White plug:

Square/Round
 DCL510

Arch/Round
 DCL505





24V TO 12V HIGH POWER

AUSTRALIAN GSL MADE
 Switchmode efficiency.
 See Section Twelve !

Code	Power
DC241220	20A
DC241230	30A
DC241250	50A

SECTION 12



FUSES LAMPS BEZELS

TOO MANY TO LIST HERE!
 See Section 2 for values...
 Glass fuses, Large & Small
 Plastic fuses, etc....

FUSE HOLDERS
 See Section 2

BEZELS
 See Section 2

See 02-22
02-23

SECTION 02




BATTERY ISOLATOR

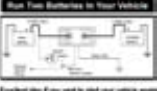
Device for connecting
 two batteries to the
 one charging circuit.
 Saves flattening the
 starter-motor battery.

Code	Power
EBI-100	100A
EBI-150	150A

SECTION 12



Check the Fuse with to start your vehicle again



See Section Twelve. See Section Twelve.

SWITCHES & LAMPS

SECTION TWO
 See page 2-29
 Bezels 18-45
 Relays 18-45

NOW AVAILABLE!
 Premium grade Toggles
 From Carlington Switch
 Illuminated SPDT, etc.
 See page 2-29 for more



13.8VDC POWER SUPPLIES

Fully regulated Heavy Duty!
 Conventional circuit type.
 Metal Case. Quality made.
 See Section 12 for details.
 A=RMS, Cycled add 50%

Code	Power
RPS212	2A
MP3036	4A
RPS612A	6A
SEC1212	10A

SECTION 12 **See Section 12 For Details**




VOLTAGE NOISE FILTERS

13.8VDC Line suppression
 "Square" Box Noise Filter
 Engine bay Firewall etc.

NS15S	5A
NS20	10A

"Round" Enclosure (5cmØ)
 NS15R 5A
 NO Enclosure (Bare Choke Only)
 NS5 5A
 NS10 10A



SWITCH MODE UNLIMITED!

BATTERY MONITOR/SUPPLY
 13.8VDC Charger & Supply
 with control circuitry.
 With the use of a high
 power battery, this unit
 can supply 10A indefinitely,
 Higher current for hours &
 very high surge current!

Code UPS12-10

SECTION 12



IGNITION SUPPRESSOR

Old Condenser type for
 clamping noise at source.

CNS2 0.47µF

Packaged Retail.
 Polarity protected.
 With instructions.


NS12 1000µF






WIRING SOLUTIONS

CABLE ON A REEL
 SEE SECTION 13

QUICK DISCONNECTS
 SEE SECTION 07 & 18
 18-44





<p>PL259 UHF</p> <p>PL259 Solder RG58 Code PL259A</p>  <p>PL259 Solder RG213 Code PL259R</p> <p>See Section 7</p>	<p>SMA CRIMP</p> <p>SMA Male RG58 Code SMA58</p>  <p>SMA Female RG58 Code SMF58</p>  <p>See Section 7</p>	<p>“N” PLUG</p> <p>“N” Male RG58 Plug N115</p>  <p>“N” Male RG213U Crimp N112</p>  <p>See Section 7</p>
<p>PL259 CRIMP</p> <p>PL259 Crimp RG58 Code PL259-58</p>  <p>PL259 Crimp RG213 Code PL259-213</p> <p>See Section 7</p>	<p>SMA CRIMP</p> <p>SMA Male RG174 Code SMA174</p>  <p>SMA Male R/A RG174 Coax Code SMA174R</p>  <p>See Section 7</p>	<p>“N” PLUG</p> <p>“N” Male RG58 Crimp N120</p>  <p>“N” Male RG213U Plug N110</p>  <p>See Section 7</p>
<p>SO239 INLINE</p> <p>Screw Collar UHF Collar RG58 Code IL239-58</p>  <p>UHF Collar RG213 Code IL239-213</p> <p>See Section 7</p>	<p>SMB CRIMP</p> <p>SMB Male RG58 Code SMB101</p>  <p>SMB Male RG174 Code SMB105</p>  <p>See Section 7</p>	<p>“N” CRIMP</p> <p>LL400 (10mmØ) Suit LMR400 Cable Center Crimp is Larger than N112 Code N113</p>  <p>See Section 7</p>
<p>SO239 PANEL</p> <p>UHF Solder Code SO239</p>  <p>UHF Flange Code SPM239</p>  <p>See Section 7</p>	<p>FME CRIMP</p> <p>FME Male RG58 Code FME158</p>  <p>FME Male RG174 Code FME8015</p>  <p>See Section 7</p>	<p>“N” CRIMP</p> <p>RG213 (10mmØ) Female N127</p>  <p>LL400 (10mmØ) Suit LMR400 Cable Female N128</p>  <p>See Section 7</p>
<p>SO239 PANEL</p> <p>Screw Collar UHF Collar RG58 Code SPM239-58</p>  <p>UHF Collar RG213 Code SPM239-213</p> <p>See Section 7</p>	<p>FME CRIMP</p> <p>FME Female RG58 Code FME100</p>  <p>FME Female RG174 Code FME8001</p>  <p>See Section 7</p>	<p>“N” CRIMP</p> <p>LL400 (10mmØ) Suit LMR400 Cable Center Crimp is Larger than N128 Code N129</p>  <p>See Section 7</p>
<p>MINI-UHF CRIMP</p> <p>M259 Crimp RG174 Code M259-174</p>  <p>M259 Crimp RG58 Code M259-58</p>  <p>See Section 7</p>	<p>“N” PLUG</p> <p>“N” Male RG174 Code N7301</p>  <p>See Section 7</p>	<p>“N” PANEL MOUNT</p> <p>Water proof Code N150</p>  <p>Solder Type Code N145</p>  <p>See Section 7</p>
<p>MINI-UHF CRIMP</p> <p>S259 Crimp RG58 Code S259-58</p>  <p>See Section 7</p>	<p>“N” RIGHT ANGLE</p> <p>“N” Male RG58 Code N125</p>  <p>“N” Male RG213 Code N7302</p>  <p>See Section 7</p>	<p>“N” PANEL MOUNT</p> <p>REAR CABLE CRIMP Female to suit RG58CU Code N152</p>  <p>Female to suit RG213 Code N154</p>  <p>See Section 7</p>











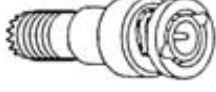








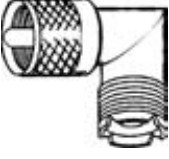



<p>TNC CRIMP</p> <p>TNC Male RG58 Code TNC28</p>  <p>TNC Male RG174 Code TNC7401</p> <p>See Section 7</p>	<p>BNC CRIMP</p> <p>BNC Crimp RG58 RG58U P659</p>  <p>RG58CU P660</p> <p>BNC CRIMP RG174 Code BNC7001</p>	<p>CRIMPING TOOL</p> <p>RG58 CRIMP Crimps 5mmØ Collar Many ferrule sizes Suit BNC TNC "N" and others. See Section 14...</p>  <p>Code HT336A</p>
<p>TNC CRIMP INLINE</p> <p>TNC Female RG58 Code TNC99</p>  <p>TNC Female RG174 Code TNC7415</p> <p>See Section 7</p>	<p>BNC TWIST</p> <p>Twist-On RG58 Code P664</p>  <p>Twist-On RG213 Code P603</p> <p>See Section 7</p>	<p>CRIMPING TOOL</p> <p>RG213 CRIMP And also RG174 Crimps 11mmØ Collar Many ferrule sizes Heavy duty ratchet See Section 14</p>  <p>Code DL801K</p>
<p>TNC CRIMP SOCKET</p> <p>TNC Female RG58 Code TNC45</p>  <p>TNC Solder Code TNC232</p> <p>See Section 7</p>	<p>BNC LOAD</p> <p>50 OHM Terminator Code BNT50</p>  <p>See Section 7</p>	<p>COAX CABLE STRIPPER</p> <p>Insert cable and twist! Blades can be positioned for different crimps</p>  <p>Code HT377</p>
<p>MMCX CRIMP</p> <p>Micro-Miniature Crimp Male RG174 Code MMCX101</p>  <p>See Section 7</p>	<p>BNC INLINE</p> <p>BNC Crimp RG58 Code P670</p>  <p>BNC CRIMP RG174 Code BNC7022</p> <p>See Section 7</p>	<p>BNC END CAPS</p> <p>BNC MALE CAP Code CP-BNC-M</p>  <p>BNC FEMALE CAP Code CP-BNC-F</p> 
<p>MCX CRIMP</p> <p>MCX Male RG174 Code MCX101</p>  <p>R/A MCX102</p> <p>MCX Male RG58 Code MCX103</p> <p>See Section 7</p>	<p>BNC PANEL</p> <p>BNC Socket Code J600</p>  <p>BNC Crimp RG58 Code J605</p> <p>See Section 7</p>	<p>N PLUG END CAPS</p> <p>N MALE CAP Code CP-N-M</p>  <p>N FEMALE CAP Code CP-N-F</p> 
<p>MCX CRIMP</p> <p>MCX Female RG58 Code MCX112</p>  <p>MCX Female RG174 Code MCX111</p> <p>See Section 7</p>	<p>BNC BULLHEAD</p> <p>Black AC-BNC-JJ-75B</p>  <p>Silver AC-BNC-JJ-75</p> <p>See Section 7</p>	<p>UHF END CAPS</p> <p>UHF MALE CAP Code CP-UHF-M</p>  <p>UHF FEMALE CAP Code CP-UHF-F</p> 
<p>LUCENT MC-CARD PLUG</p> <p>R/A CRIMP RG174 Lucent WiFi Crimp Suits MC Cards, etc. LMR100 RG174 Cable Code LPC101</p> 	<p>SEE SECTION 7</p> <p>For our Entire range of Adaptors, Plugs & sockets See Section 7</p> 	<p>TOOLS</p>  <p>CABLE</p>  <p>TOOLS SECTION 14</p> <p>CABLE SECTION 13</p>



<p>ADAPTORS</p> <p>Many More Are Available... See Section 7</p>  <p>Page 7-30</p>	<p>FME/SMA</p> <p>FME Female to SMA Female Code AD1104</p> 	<p>"N"/BNC</p> <p>"N" male to BNC female Code N155</p> 
<p>SMA/FME</p> <p>SMA Plug to FME Socket Code AD1103</p> 	<p>FME/N</p> <p>"N" Socket to FME Socket Code AD1075</p> 	<p>"N"/"N"</p> <p>"N" male to "N" male Code N130</p> 
<p>SMA/N</p> <p>SMA Socket to "N" Socket Code AD1073</p> 	<p>FME/FME</p> <p>FME Female to FME Female Code AD1111</p> 	<p>"N"/"N"</p> <p>"N" female to "N" female Code N135</p> 
<p>SMA/N</p> <p>SMA Socket to "N" Plug Code AD1071</p> 	<p>MCX/"N"</p> <p>MCX Male to "N" Male Code AD1141</p>  <p>ONLY ONE SUPPLIED</p>	<p>N/N/N</p> <p>"N" T adaptor Male to two females Code N140</p> 
<p>SMA/N</p> <p>SMA Plug to "N" Plug Code AD1072</p> 	<p>MCX/"N"</p> <p>MCX Male to "N" Female Code AD1142</p>  <p>ONLY ONE SUPPLIED</p>	<p>"N"/UHF</p> <p>"N" male to PL259 female Code N160</p> 
<p>SMA/UHF</p> <p>SMA Male to SO239 Plug Code AD312</p> 	<p>BNC/"N" FEMALE</p> <p>BNC Male to "N" Female Code N156</p> 	<p>"N"/SMA-RP</p> <p>"N" Plug to SMA-RP Plug Code AD1001</p> 
<p>SMA/MCX</p> <p>SMA Female to MCX Male Code AD1140</p> 	<p>UHF/UHF</p> <p>PL259 male to PL259 Male Code AD2259</p> 	<p>"N"/SMA-RP</p> <p>"N" Plug to SMA-RP Socket Code AD1006</p> 



<p>“N”/TNC-RP</p> <p>“N” Plug to TNC-RP Plug Code AD1042</p> 	<p>MiniUHF R/A</p> <p>Mini UHF Plug→Socket right angle Code M259RA</p> 	<p>UHF/UHF</p> <p>PL259 UHF Plug To 2x SO239 “T” Adaptor Code PL259T</p> 
<p>“N”/TNC-RP</p> <p>“N” Plug to TNC-RP Socket Code AD1044</p> 	<p>MiniUHF/TNC</p> <p>Mini UHF male to TNC female Code MUF250</p> 	<p>UHF/BNC</p> <p>PL259 plug to BNC socket Code AD210</p> 
<p>“N”/SMA</p> <p>“N” Socket to SMA Plug Code AD1074</p> 	<p>MiniUHF/BNC</p> <p>Mini UHF Male to BNC female Code MUF339</p> 	<p>UHF/BNC</p> <p>BNC plug to SO239 socket Code AD240</p> 
<p>“N”/SMA-RP</p> <p>“N” Socket to SMA-RP Socket Code AD1005</p> 	<p>MiniUHF/BNC</p> <p>Mini UHF Female to BNC male Code MUF439</p> 	<p>TNC ADAPTORS</p> <p><i>Many More Are Available...</i></p> <p>See Section 7</p> 
<p>“N”/SMA-RP</p> <p>“N” Socket to SMA-RP Plug Code AD1012</p> 	<p>MiniUHF/UHF</p> <p>Mini UHF male to UHF PL259 female Code MUF379</p> 	<p>FME ADAPTORS</p> <p><i>Many More Are Available...</i></p> <p>See Section 7</p> 
<p>“N”/TNC-RP</p> <p>“N” Socket to TNC-RP Plug Code AD1041</p> 	<p>UHF/UHF</p> <p>Female to female SO239 to SO239 Code PL258</p> 	<p>CROSS-REFERENCE LIST</p> <p><i>See Section 7</i> A Quick Reference Listing of all Adaptors in both From & To Ends For Convenience</p> 
<p>MiniUHF/SMA</p> <p>Mini UHF to SMA Female Code SMA319</p> 	<p>UHF R/A</p> <p>Right-Angle PL259 → SO239 Code AD259RA</p> 	<p>LUCENT MC-CARD</p> <p>Reverse-SMA ADAPTOR As found on some PCMCIA 50cm Lead adapts this mini RF plug to the popular Reverse-SMA Suits WiFi, etc. Code CAL711</p> 



SMA → SMA LEADS

LOW-LOSS PATCH
LL195 50Ω Coax
SMA Male to Male

Code	Length
CAL5048	1.5M
CAL5049	3.0M
CAL5050	5.0M



“N” → “N” LEADS

PATCH CABLE
RG58U 50Ω Coax
Male to Male

Code	Length
CAL5065	1.5M
CAL5033	3.0M
CAL5034	5.0M
CAL5035	10M
CAL5036	15M
CAL5037	20M



“N” → SMA LEADS

LOW-LOSS PATCH
LL195 50Ω Coax
SMA Male to “N” Male

Code	Length
CAL5060	1.5M
CAL5043	3.0M
CAL5044	5.0M
CAL5045	10M
CAL5046	15M
CAL5047	20M



“N” → “N” LEADS

LOW-LOSS PATCH CABLE
*Ultra-Low-Loss LL195
Male to Male

Code	Length
CAL5066	1.5M
CAL5038	3.0M
CAL5039	5.0M
CAL5040	10M
CAL5041	15M
CAL5042	20M



SMA-REVERSED LEADS

PATCH CABLE
RG58U 50Ω Coax
SMA-RP Female to Male

Code	Length
CAL5013	3.0M
CAL5014	5.0M
CAL5015	10M
CAL5016	15M
CAL5017	20M



FME → “N” LEADS

PATCH CABLE
RG58U 50Ω Coax
FME Female to “N” Male

Code	Length
CAL5061	1.5M
CAL5003	3.0M
CAL5004	5.0M
CAL5005	10M
CAL5006	15M
CAL5007	20M



SMA-REVERSED LEADS

LOW-LOSS PATCH CABLE
*Ultra-Low-Loss LL195
SMA-RP Female to Male

Code	Length
CAL5018	3.0M
CAL5019	5.0M
CAL5020	10M
CAL5021	15M
CAL5022	20M



FME → “N” LEADS

LOW-LOSS PATCH CABLE
*Ultra-Low-Loss LL195
FME Female to “N” Male

Code	Length
CAL5062	1.5M
CAL5008	3.0M
CAL5009	5.0M
CAL5010	10M
CAL5011	15M
CAL5012	20M



“N” → SMA-REVERSED LEADS

PATCH CABLE
RG58U 50Ω Coax
SMA-RP Male to “N” Male

Code	Length
CAL5023	3.0M
CAL5024	5.0M
CAL5025	10M
CAL5026	15M
CAL5027	20M



FME MALE → FEMALE

CAL5063	RG58U	1.5M
CAL30	RG58U	3.0M
CAL50	RG58U	5.0M
CAL100	RG58U	10M

CAL5064	LL195	1.5M
CAL31	LL195	3.0M
CAL51	LL195	5.0M
CAL101	LL195	10M
CAL102	LL195	15M
CAL103	LL195	20M



“N” → SMA-REVERSED LEADS

LOW-LOSS PATCH CABLE
*Ultra-Low-Loss LL195
SMA-RP Male to “N” Male

Code	Length
CAL5028	3.0M
CAL5029	5.0M
CAL5030	10M
CAL5031	15M
CAL5032	20M



NEW! LL400 LOW-LOSS 10mm

CAL5070	N-Male to N-Male	5.0M
CAL5071	N-Male to N-Male	10M
CAL5072	N-Male to N-Male	15M
CAL5073	N-Male to N-Male	20M
CAL5074	N-Male to N-Male	25M
CAL5075	N-Male to N-Male	30M
CAL5080	N-Male to SMA-Male	5.0M
CAL5081	N-Male to SMA-Male	10M
CAL5082	N-Male to SMA-Male	15M
CAL5083	N-Male to SMA-Male	20M
CAL5084	N-Male to SMA-Male	25M
CAL5085	N-Male to SMA-Male	30M
CAL5090	N-Male to FME-Male	5.0M
CAL5091	N-Male to FME-Male	10M
CAL5092	N-Male to FME-Male	15M
CAL5093	N-Male to FME-Male	20M
CAL5094	N-Male to FME-Male	25M
CAL5095	N-Male to FME-Male	30M





50Ω RG174/U COAX 2.5mm

Multi-strand steel/copper (0.48mm) with braid tinned copper 90% shield.
 PE Dielectric (1.5mm), PVC Jacket Black (2.55mm). 100pF/M. 50 Meters.
 Code RG174U-50
 50M



Lossy. Suit very short runs. Flexible.

50Ω RG58U COAX 5mm

Multi-strand with braided copper shield.
 Equiv. RG58U
 Code RG58AU
 100M



50Ω RG58CU COAX 5mm

Tinned Multi-Strand High-shielding
 Code RG58CU
 100M



50Ω LL195 COAX 5mm

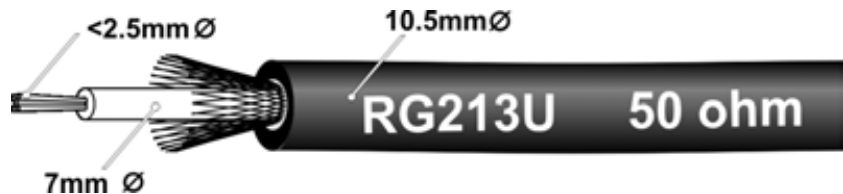
LOW-LOSS BROADBAND COMMUNICATIONS CABLE - SOLID CORE
 Double shielded with over 93% coverage copper braid + aluminium tape 100%
 Extra wide bandwidth Gas-Injected Foam Polyethylene 2.79mm insulator
 Solid core copper 0.94mm center suits a majority of crimp plugs, etc.
 Black polyethylene outdoor flooded weather-proof UV resistant jacket
 Code LL195
 100M Reel

AVAILABLE CUT TO LENGTH:
 Code LL196
 per meter.



50Ω RG213U COAX 10mm MIL-C-17D

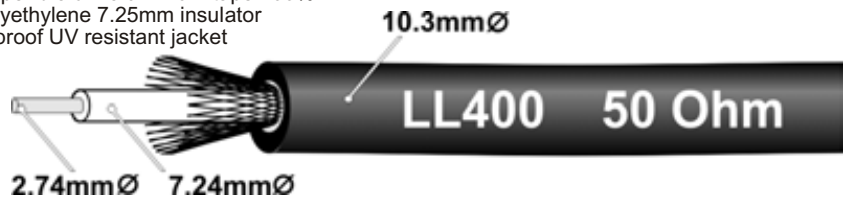
HEAVY DUTY with UV-Resistance
 Tinned Multi-Strand High-shielding
 MIL-C-17D Specs.
 Code RG213U
 100M



50Ω LL400 COAX 10mm

LOW-LOSS BROADBAND COMMUNICATIONS CABLE 50 Meter roll
 Double shielded with over 93% coverage copper braid + aluminium tape 100%
 Extra wide bandwidth Gas-Injected Foam Polyethylene 7.25mm insulator
 Black polyethylene outdoor flooded weather-proof UV resistant jacket
 Solid core copper 2.75mm center
 Code LL400
 50M for 50M

AVAILABLE CUT TO LENGTH:
 Code LL401
 per meter.





Locked Bag 30
138 Liverpool Rd
Ashfield 2131



MOBILE COMMUNICATIONS ACCESSORIES
www.benelec.com.au
www.mobileone.com.au

CB BASE & LEAD



RG58U 3.6M Coax
With 5/16" base

PL259 UHF PLUG

VHF CBL12
UHF CBL13

NO-PLUG

UHF CBL113



STANDARD CB BASE 5/16"

Ground plane antenna base
1/2" Mounting Hole to 5/16"

VHF 200MHz
Code CBB2

UHF 520MHz
Code CBB3



SO239 BASE & LEAD

SO239 1/2" Base
FME Male Plug
LL100 0.4M Coax
UHF CBL16



FME M→F More 19-12

CAL30 3.0M
CAL50 5.0M
CAL100 10M

HEAVY DUTY CB BASE 1/2"

1/2" Bolt through
15mm mounting hole
to PL259 Plug.
Suitable for 3 & 6ft
heavy duty whips.
Ground independent
1/2" Thru-Bolt type
Large Delrin base
Code CBB4



SO239 BASE & LEAD

UHF CB BASE
SO239 Socket
5.0M RG58 Coax
Suit 1/2" Hole
Requires bracket
Heatshrink sealed
Benelec 10109
Plug FME Female
Code CBL15



PL259 ANTENNA BASE 5/16"

GROUNDING SO239

5/16" Antenna to
SO239 Socket
Wide bandwidth
Suit UHF, etc.
Premium grade
Long-life Delrin
Weather proof
Code CBB6



CB ANTENNA LEAD 4M

PL259 TO PL259
RG58CU 12ft Coax Cable
Professional Reliable
Weather proof outdoor
Plug to Plug UHF lead
Mobile One C12C
Coax RG58CU
Length 3.6M
Code CBL112



SO239 ANTENNA BASE

Solder type
for affixing
PL259 antennae.
Wide band UHF
Stainless steel
Code CBB5



MORE COMMUNICATIONS

SEE SECTION 8

For our complete
range of prepared
lead assemblies
for audio, video
and communication.



SEE SECTION 9

TV Antennae Accessories
See Section 9 Antenna

SO239 HEAVY-DUTY BASE

SIDE ENTRY SO239

Large Super-Heavy-Duty
Side entry SO239 to
SO239 Base that Suits
PL259 Type Antennae
Mobile one SAM2S
Code CBB102



MOBILE PHONE ACCESSORIES

SEE SECTION 17

For an up to date list
See our web site for

www.cellink.com.au



PL259 ANTENNAE ADAPTOR

PL259 Female
to 5/16" Male
Plug an antenna
Direct into a
SO239 Type Base
With Delrin boot
Solid brass bolt
Code CBA272





THREADED ANTENNAE ADAPTOR

1/2" Female to
 5/16" Male
 Code CBA273



BENELEC

QUICK DISCONNECT FOR CB ANTENNA

5/16" MALE-FEMALE
 Quick exchange device
 Remove for carparks, etc.
 Solid machined steel
 Easy grip serated
 Code CBA14



QUICK RELEASE

5/16" → 3/8" STUD ADAPTOR

Code CBA274



BENELEC

TAIL STRAPS

Anchor units in
 your vehicle, etc.

170mm Long
 19mm TS17019
 25mm TS17025

340mm Long
 19mm TS34019
 25mm TS34025



5/16" → 1/2" STUD ADAPTOR

Solid Brass
 Code CBA270



BENELEC

ANTENNA HOLE COVER

20mm CAP
 Block a hole where
 a car antenna was.
 Protects metalwork
 Stainless steel cap
 Rubber gromet no-scratch
 Code CBA28



1/2" → 1/2" STUD ADAPTOR

Solid Brass
 Code CBA271



BENELEC

SELF-AMALGAMATING TAPE

RUBBER BUTYL 40mm
 Highly adhesive synthetic
 Rubber & resin based tape
 Cures to a single mass
 Seals & water-proofs
 Black. 40mm x 5 Meters
 Code SAT140



HEAVY DUTY GPS BASE 1"

THREADED STUD 1"
TO 5/8" WITH NUT
 Hollow for coax.
 Suit marine antennae
 and some GPS antennae.
 Code CBA275



BENELEC

SELF-AMALGAMATING TAPE

RUBBER-RESIN SEALANT
 This is a highly adhesive
 synthetic rubber and resin
 based tape that once applied
 cures into a single mass for
 sealing and weatherproofing
 Roll 10 Meters
 Size 0.8x18.5mm
 Code SFRT10



SPRINGS FOR ANTENNA **BENELEC**

High tensile steel springs
 Inbuilt shorting straps

5/16" MALE-FEMALE
 80mm CBS2

1/2" FEMALE-FEMALE
 105mm CBS3

1/2" HEAVY DUTY!
 120mm CBS6



SELF-AMALGAMATING STRIPS

"COAX-SEAL®" coaxseal.com
 Seals & protects connections
 Stays flexible. Remove & Reuse
 Military Spec. Packaged
 Size 12.5x255mm ("10")
 Code CXS101
 strip

Size 12.5x1520mm ("60")
 Code CXS104
 pack





"BIG-MAG" HEAVY DUTY MAGNETIC BASE

1250MHz 125mm UHF Plug
3/8" US Socket for antenna
or use the adaptor to 5/16".
Huge stability for larger
antennae and greater speed!
4M x RG58U and PL259 plug.
Code MB1



MIRROR MOUNT 1"

Suit ~30mm Diam.
Stainless steel
Code MM5



Zinc Plated
Code MM4



SUCTION-CUP MAGNETIC BASE

1520MHz 120mmO/D 15mmI/D
Super strong non-scratch UHF base
Suction cap & magnet for extra grip.
Black low-profile. Blank 15mm hole
Suits CB, UHF, Mobile Phones, etc.
Requires Antennae attachment
Code MB3



BULL BAR BRACKET 2"

Suit mounting on 55mm horizontal
poles such as bullbars, etc.
"U" bolts have non-slip teeth.
Suit most bases. *Auz' Made*
Zinc BB35

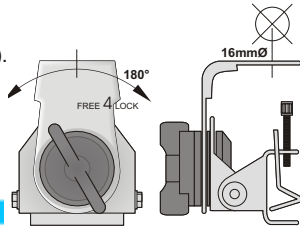


Stainless Steel
Code BB36



GUTTER MOUNT DELUXE

This new heavy duty style is
now suitable for many types of
communication bases (Not Inc.).
SSB, CB, LEOS, UHF, VHF,
Mobile, etc....
Tilts for garage access, etc.
Code GM12



BULL BAR BRACKET "LEGAL"

New heavy-duty strap type
316 Stainless steel made
Suit most antenna bases
16mm antenna base hole
Strap for max 2" pole
2 Holes Vert & Horz
Code BB32



GUTTER MOUNT

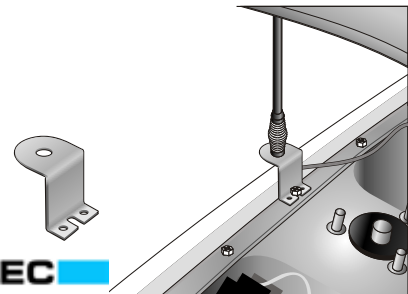
Benelec Chromium plated
Metal Tough Long-life
Stainless steel Hardware
Grub screws hold gutter
Tilt/Locks adjustment
Suit most " mounts
Code GM4



Z BRACKET

Stainless Steel
Code ZB36

Zinc Plated
Code ZB35



GUTTER MOUNT STAINLESS STEEL

Benelec Stainless Steel
Metal Tough Long-life
Stainless steel Hardware
Grub screws hold gutter
Tilt/Locks adjustment
Suit most " mounts
Code GM5



"L" BRACKET

1" MOUNTING BRACKET
For mounting antennae
on to a wall, etc.

135mm from wall Black
WB40
160mm from wall Stainless
WB41



BOOT-LIP MOUNT

"S" SHAPED BRACKET
Benelec Black Metal "
Designed for gripping
the trunk lip of a boot
Grub screws hold
Rubber protected
Code TLM5



MOUNTING STRAP

Stainless Steel
Suitable outdoor
like boat masts, etc.
Antenna or base mount.
Hole 17mm
Size 340x35x3mm
Code MMM1





MARINE DECK MOUNT BASE 1"

Marine Glass filled
 Nylon 2 way base
 1" threaded
 Code MAB1



SEE SECTION SEVEN

PLUGS AND SOCKETS

DC Plugs
 BNC Plugs
 SMA & "N"
 PL259 UHF
 Adaptors
 Microphone
 Wiring loom
 Quick Disconnect
 Compression



MAST BRACKET RIGHT ANGLE

PERPENDICULAR 50/40

Stainless steel
 Benelec 02810S
 Mast 1 50mm
 Mast 2 40mm
 Angle 90
 Code BB101



LIGHTNING ARRESTER

"N" INLINE EMP ARRESTER

90V Gas Capsule assembly
 Socket to socket bulk-head
 16mm diam mounting
 Code RFL130



STAINLESS BRACKET

Code BB105

MAST BRACKET

PARALLEL 90/60

Poles 90mm & 60mm
 Benelec 02811(S)
 Galvanised Steel
 BB102

Stainless Steel
 BB103



ANTENNA SWITCH PL259

UHF 600MHZ

Premium grade cast-iron
 Wide band coax switch
 All SO239 Sockets (x3)
 Negligible insertion loss
 Low SWR. DC-600MHz 500W
 50 Ohm. Isolation 60dB
 Code RFL120



MAST BRACKET

PARALLEL 90-103

Heavy-Duty Bracket
 All Stainless steel
 Benelec 02815
 2x Poles Parallel
 90mm to 103mm each
 Code BB104



ANTENNA SWITCH "N"

"N" 1800MHZ

Premium grade cast-iron
 Wide band coax switch
 All "N" Sockets (x3)
 Negligible insertion loss
 Low SWR. DC-1800MHz
 50 Ohm. Isolation 60dB
 Code RFL121



DUMMY-LOAD

VHF PL259

DC-600MHz 50Ω
 Non-Inductive 1.15vswr
 30W(AVG) 100W(PEP)
 RFL101

UHF "N" PLUG

3GHz 50Ω 1.15vswr
 30W(AVG) 100W(PEP)
 RFL102



VSWR & POWER METER

1.8MHz-525MHz 200W

Measures SWR and POWER for optimum antenna tuning, etc.
 Peak-Envelope-Power SSB or Average. Transmitted & Reflected Power, switched.
 Operates on 12-15Vdc portable, or add a 240V PowerPack for illuminated operation, excellent for permanent installations.
 Two pair of PL259 connections for 1.8-180MHz & 140-525MHz.
 Power 5W 20W 200W 400W
 Semi-Professional full featured
 Large scale meter display.
 1GL 1Bz 50F 150x65x100mm
 Requires Connection leads
 www.benelec.com.au 0301

Code VSWR0301



ATTENUATOR -20dB

"N" 3GHz

"N" Male-Female
 Full bandwidth
 50 Ohm DC-3GHz
 20dB Attenuation
 Benelec 17203N003
 Code RFL103





Locked Bag 30
138 Liverpool Rd
Ashfield 2131



MOBILE COMMUNICATIONS ACCESSORIES
www.benelec.com.au
www.mobileone.com.au

SCANNER RUBBER-DUCKY

350mm SCANDUCKY

25MHz - 1300MHz
 BNC Direct Plug
 Hand-Held Scanner
 Broadband antenna
 UHF ¼ Wave and
 VHF & HF Helical
 Excellent performance
 Tuned for Australian
 Services specifically
 Air/Emergency/Commercial
 Made In Australia
 Length 350mm
 Base BNC Male
 Weight 45g
 Imp. 50 Ohms
 Mobileone BNCSCAN
 Code ANT872



SCANNER BASE ANTENNA

1.2M BROAD-BAND

25MHz - 1300MHz
 Unity Gain Multi-Band
 Favors Lower Frequencies
 Wide-Band Heavy-Duty
 Multi-element antenna
 Combines a combination
 of many antennae in one
 Includes Connect Lead
 Terminates to BNC Male
 Indoor/Outdoor/Mobile
 Made in Australia
 Whip 1200mm Long
 Lead RG58CU
 Plug BNC Male
 Mobileone SCBASE
 Code ANT873



SCANNER WHIP ANTENNA

700mm SCANTENNA

25MHz - 1300GHz
 Broadband Heavy Duty
 Fibreglass Omni whip
 Two 5/8th wave elements
 ¼ Wave phasing coil
 6db Peak gain 468MHz
 5dB Unity gain VHF
 Made in Australia
 Base 5/16"
WHITE 700mm
 "Scantenna"
 Mobile One SCA
 Code ANT870



SCANNER BASE ANTENNA

1.6M BANDSPANNER BASE

25MHz - 1300MHz
 Unity Gain Multi-Band
 UHF Collinear
 VHF HF Helical
 Favours UHF Frequencies
 UHF 5dB Gain
 VHF 2dB
 Airband 1.5dB
 Wide-Band Heavy-Duty
 Multi-element antenna
 Combines a combination
 of many antennae in one
 Weatherproof Radome
 Indoor/Outdoor/Mobile
 Made in Australia
 Whip 1600mm Long
 Plug SQ239
 Mobileone SCABASE
 Code ANT874



SCANNER WHIP ANTENNA 5dB

1000mm BANDSCANNER

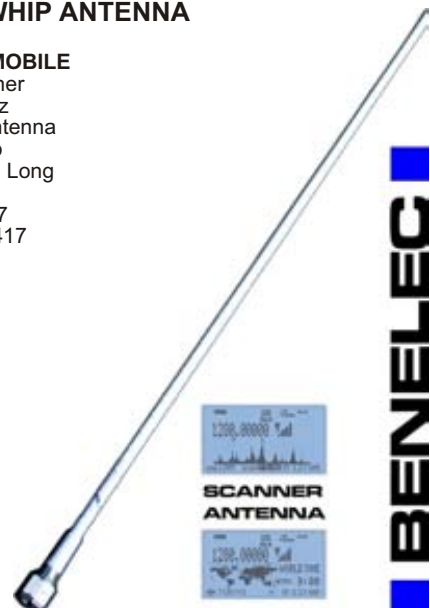
25MHz - 1300GHz
 Broadband Heavy Duty
 Fibreglass Omni whip
 True 50Ω Impedance
 @ 40/72/120/468MHz
 UHF Collinear
 VHF & HF Helical
 Double 5/8th Wave
 Heavy Duty whip
 Pre-Tuned 5dB
 Made in Australia
 Base 5/16"
BLACK 1000mm
 Bandspanner 5dB
 Mobile One SCATX
 Code ANT871



SCANNER WHIP ANTENNA

900mm LAND-MOBILE

Wideband Scanner
 21MHz - 900MHz
 Epoxy Mobile Antenna
 Heavy Duty whip
 Whip 90cm Long
 Base 5/16"
 Benelec 02627
 Code ANT417

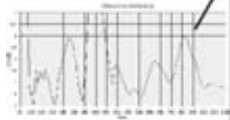


BENELEC



SCANNER BASE STATION DISCONE

**DOUBLE SIX ELEMENT
 60MHz - 1000MHz**
 www.benelec.com.au
 Scanner type Antenna
 1000mm in height
 900mm in Diameter
 1.8dBi Gain Omni
 Stainless steel
 Brass fittings
 Long life Deluxe
 Benelec 02675
 Code ANT418

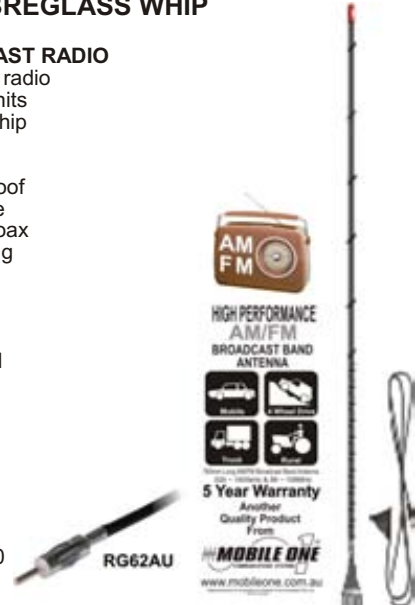


AM/FM 1M FIBREGLASS WHIP

950mm BROADCAST RADIO
 Tune into common radio
 Stations AM/FM Units
 Dual band tuned whip
 526KHz - 1.6MHz
 88MHz - 108MHz
 Flexible weatherproof
 All Australian Made
 Includes 1.6M of coax
 Joined. AM/FM Plug
 and 5/16" Base
 MobileOne M3P

ANTENNA KIT
 Code ANT811

ANTENNA ONLY
 5/16" Fibreglass
 MobileOne M3W
 Code ANT810



DUAL BAND MOBILE HAMTenna

4.5dB 70cm & 2M BANDS
 144-148MHz & 430-440MHz
 Amateur Ham Radio Antenna
 Fibreglass whip 975mm
 Australian made quality
 Light weight & flexible
 4.5dB Low-SWR 300 Watts
 Gutter or Bootlip mount
 Collinear for 435MHz
 Helical for 146MHz
 Better than unity gain
 700mm Band & 2 Meter Band
 Mobile One M270
 Code ANT860



CDMA NEXT-G GSM900 WHIP

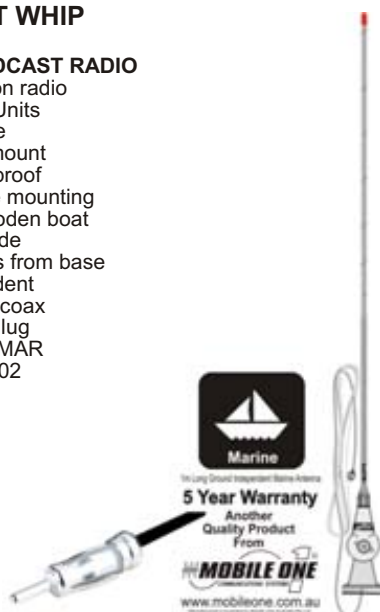
7dB 740mm WITH SPRING
 Dual-Band Broad-band antenna
 Heavy duty fibreglass whip
 Spring 1/2" base included
 Attached 5 Meter Lead
 Terminates to FME Female
 Suits Mobile phones and
 Wireless Internet bands
 Next-G, CDMA and GSM900
 and the NextG (850MHz)
 Ground independent
 Bullbar & Car antenna
 Base station or boat
 825MHz-960MHz GSM
 70cm + Spring base
 Requires 1/2" Bracket
 Includes Steel Spring
 LL195 Low-Loss Cable
 5.0M to FME Female

Cellink 7dB
 Code ANT461



AM/FM BOAT WHIP

1700mm BROADCAST RADIO
 Tune into common radio
 stations AM/FM Units
 Includes Tilt Base
 Swivel for deck mount
 Flexible weatherproof
 Deck or Gunwale mounting
 Fibreglass or wooden boat
 All Australian Made
 Antenna removes from base
 Ground-Independent
 Includes 3.6M of coax
 Joined. AM/FM Plug
 MobileOne M2WMAR
 Code ANT802



CDMA NEXT-G WHIP

6dB 900mm BUILDING MOUNT
 Heavy duty fibreglass whip
 Suits Mobile phones and
 Wireless Internet bands
 Next-G and CDMA and GSM900
 and the Next-G (850MHz)
 Ground independent
 Includes Bracket Hardware
 Mounts onto the side of
 a building wall, etc.
 Or 2" Post mounting
 825MHz-890MHz 6dB
 Terminates to "N"
 Requires connection
 Low-Loss cable/lead
 Cellink Australia
 Code ANT466





Locked Bag 30
138 Liverpool Rd
Ashfield 2131



MOBILE COMMUNICATIONS ACCESSORIES
www.benelec.com.au
www.mobileone.com.au

BOAT WHIPS 1.8M WHITE 1" BASE

CHOOSE YOUR APPLICATION

6 Foot 1.8M Salt water resistant
Heavy duty Radome Fibreglass
Chrome plated brass fittings
Ground independent Antennae
All are consistent appearance
for multiple antenna mounting
1" Threaded base. Side cable entry
Includes 5 Meters coax connected

NO PLUG. Requires connection plug.

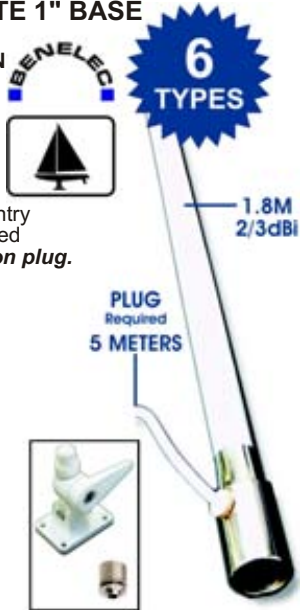
Code	Band	dB	Benelec
ANT601	27MHz	2	02129
ANT602	Marine	3	02523
ANT603	CDMA	3	02462
ANT604	GSM	3	02462G
ANT605	AM/FM	3	02523
ANT606	UHF	3	02662

BASE DECK MOUNT 1" STUD

Nylon. Locking arm tilt.
MAB1

THREADED 1" STUD [ONLY]

Hollow 1" [to 5/8" & Nut]
CBA275



BOAT WHIPS

WITH DECK BASE

Flexible Fibreglass
Ground independent
12ft Coax Cable entry
is thru the base centre
Deck or gunwale mount
Quick tilt & lock base
All parts are off-white
Salt water resistant
Chromium steel fittings

27MHz 139cm
27.88MHz PL259 Plug
Code APM01

MARINE 90cm
156MHz PL259 Plug
Code APM02

AM/FM 110cm
Car radio plug
Code APM03



BOAT WHIP VHF MARINE

900mm 156MHz to 162MHz

Unity Gain 3dB
Marine Band for
Boat mast mount
or Cabin mount
with 90cm whip
Long-Life Robust
Weather proof
Stainless steel
Delrin protected
UHF PL259 socket
Requires lead
Benelec 02522
Code ANT600

STEEL WHIP

ELEVATED PL259

MOUNTING STRIP TO SUIT

Stainless Steel
Used on boat masts.
Hole 17mmØ
Size 340x35x3mm
Code MMM1

SO239



WHIP 27MHz

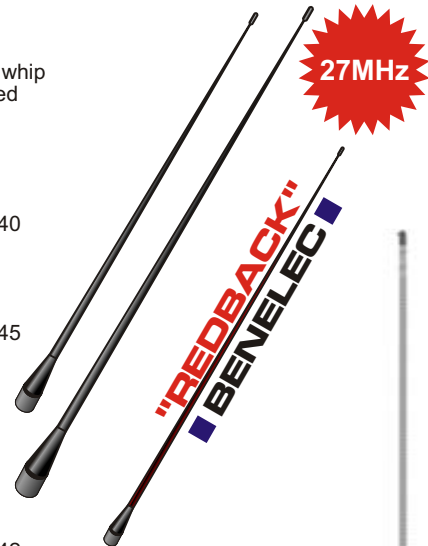
27MHz CB

Pre-tuned Parallel whip
Heat Shrink covered
Base 5/16"
Tuned 27MHz

Height 3ft.
Benelec 02150
Code ANT2740

Height 5ft.
Benelec 02151
Code ANT2745

REDBACK 3ft.
Helical Pre-tuned
Fibreglass Whips
Long-Life Epoxy
Resin Coated
Height 3ft.
Benelec 02152
Code ANT2742



BOAT WHIP VHF MARINE

960mm 156MHz to 162MHz

Includes Tilt Base
Swivel for deck mount
Flexible weatherproof
Deck or Gunwale mounting
Fibreglass or wooden boat
All Australian Made
Antenna removes from base
Ground-Independent
VHF Marine Band Antenna
1/2 Wave Helical Monopole
Factory preset tuned
50Ω 100W 156-162MHz
Includes 3.6M of coax
Joined. PL259 Plug
Vswr 1.5:1
MobileOne MD156
Code ANT820

Ground Independent VHF MARINE 156 ~ 162MHz ANTENNA PACK



1m Long Ground Independent Marine Antenna

5 Year Warranty

Another Quality Product From



www.mobileone.com.au



BOAT WHIP 27MHz

1900mm 27.8 - 28.3MHz

Includes Tilt Base
Swivel for deck mount
Flexible & Weatherproof
Deck or Gunwale mounting
Fibreglass or wooden boat
All Australian Made
Antenna removes from base
Ground-Independent
CB Band 27MHz Radio
1/4 Wave Helical Monopole
Factory preset tuned
50Ω 100W Transmit Max.
Includes 3.6M of coax
Joined. PL259 Plug
Vswr 1.5:1
MobileOne MA277
Code ANT801

Ground Independent HF MARINE 27.880 MHz ANTENNA PACK



5 Year Warranty

Another Quality Product From



www.mobileone.com.au





UHF STAINLESS STEEL WHIP 4.5dB

477MHz STAINLESS STEEL

17-7ph grade 2.5mm
 Length 765mm
 Base 5/16"
 470-490MHz 4.5dB
 Benelec 02623I
 Code ANT415



477MHz BLACK

Same As 415 above
 Black resin coated
 Benelec 02623IBK
 Code ANT415BK



477MHz STAINLESS

600mm High speed
 3.15mm Stainless
 400W Transmit max
 470-490MHz 4.5dB
 Base 5/16"
 Mobile One S474
 Code ANT822



UHF ELEVATED-FEED STEEL WHIP

477MHz 240 & 760mm 6.5dB

Benelec "Truckie" whip set
 Suit mirror/bull mount
 Stainless steel whip
 Brass & Derlin Base
 Elevated feed tube
 High tensile strength
 Mobile Truckie Antenna
 Ground Independent
 Suit high speed mount
 gutter / mirror / boot
 Requires 1/2" bracket
 Low-Loss coax connected
 Center feed cable 5.0M
 Terminates to PL259 Plug
 1/4Wave Vswr1.5:1 6.5dB
 477MHz Bandwidth 13MHz
 Plug Lead Base 2x Whips
 Benelec 02637
 Code ANT436



UHF STEEL WHIP 6dB

477MHz 870mm
 870mm Stainless
 17/7 High Tensile
 Plated Brass Ferrule
 Terminates to M/SO239
 0.5mmØ Black Delrin
 Suit 4x4, trucks, etc.
 Best Bull bar mounting
 Ground plane independent
 Elevated Ferrule
 Requires SO239 Base
 (Not supplied) eg. CBB5
 Terminates to PL259 Plug
 Benelec 02632
 Code ANT433



UHF ELEVATED-FEED 6dB

477MHz 880mm GAIN-MASTER

880mm Fibreglass 6.5dB 200W
 Collinear. Antenna Base kit
 Elevated with centre feed
 Ground plane independent
 DC grounded for protection
 Suit trucks, rural,
 four wheelers, boats,
 or as a base station, etc.
 Lead Thru-Center of base
 Heavy-duty steel spring
 3.6M coax to PL259 Plug
 Base requires 1/2" bracket
 Mobile One RF470FWSS
 Code ANT824



UHF STEEL WHIP 9dB

477MHz 1300mm
 1300mm Stainless
 17/7 High Tensile
 0.5mmØ Black Delrin
 Suit 4x4, trucks, etc.
 Best Bull bar mounting
 Ground plane independent
 Includes elevated base
 Require 1/2" Bracket mount
 Includes Low loss cable
 Terminates to PL259
 Benelec 02629
 Code ANT432



UHF STEEL WHIP 6dB

477MHz 890mm GAIN-MASTER

Ground Plane Independent
 Stainless steel collinear
 89cm 6.5dB. 200W 477MHz
 Elevated spring base kit
 3.2mmØ Stainless steel
 Popular for industrial,
 mining, heavy transport,
 because of its durability,
 impressive steel elevator
 and long-life construction
 Australian made. High grade
 steel, brass and plastics
 Terminates to SO239 socket
 or PL259 Plug. Lead required
 Direct mount to 1/2" bracket
 Requires lead, plug, etc.
 1.5:1 VSWR 15MHz BW
 Mobile or base station
 Mobile One RF470COMBI
 Code ANT428

ELEVATED
 FEED

STEEL
 WHIP



SPRING / SO239

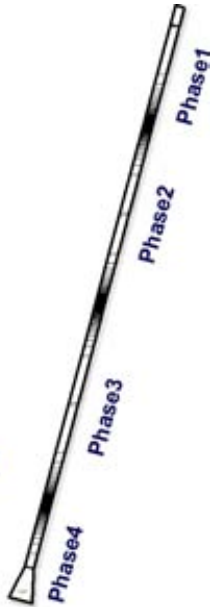


UHF WHIP 1500mm FAZE-4

477MHz 1.5M 6.5dB 5/16"

Deluxe construction
Epoxy coated whip
fibreglass black.
Requires 5/16" Base
FOUR faze tuning
for a 6.5dBi gain.
Benelec 026264
Whip 1500mm
Code ANT413

BENELEC



UHF RUBBER-DUCKY 300mm 4dB

477MHz 4dB 1/2" BASE

Flexible & Robust
Ground Independent
low-profile, tough
No ground pane 0dB
With ground pane 4dB
Australian made.
Nylon radome black
Boats, trucks, cars,
4-wheel, farm, etc.
BW=20MHz. Vswr 1.8:1

PL259
Requires SO239 Base
Benelec 02634XC
Code ANT435

TAIL
Only 307mm tall
1/2" Bracket required
5.0M coax to PL259
Benelec 02634X
Code ANT434

OPTIONAL



AD259-RA

Requires
SO239
Base

5M COAX
To
PL259



UHF WHIP 1900mm DESERT STICK

8dB 477MHz 1.9M KIT

Deluxe construction
Heavy-Duty 4WD whip
Fibreglass Redome
All copper internal
Supplied as a kit
Includes spring
Requires 1/2" Base (hole)
Stainless Steel
Mounting tube to
side entry cable
Short FME Tail to
5M of LL195 fly lead
UHF PL259 Adaptor
Tuned 477MHz
Bandwidth 9MHz
Benelec 026386K

WHITE
Code ANT430

BLACK
Code ANT439



UHF BASE STATION 2.4M

477MHz ELEVATED FEED 6dB

2400mm long antenna
High Gain Co-Linear
Elevated feed for
base station app's,
"N" Plug terminated.
Heavy Duty tapered
hollow fibreglass
Radome aluminium
and copper made.
160Km Wind load 4.6Kg
477MHz Bandwidth 3MHz
Vertical beam 16 Deg.
Requires mounting
hardware, etc.
Antenna only.
Base "N" Female
VSWR 1.5:1
Gain 6dBD/8dBi
Benelec 02648
Code ANT416



UHF ELEVATED-FEED WHIP

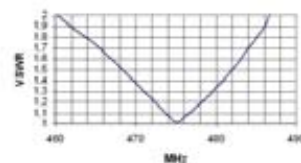
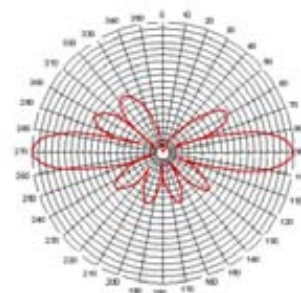
ELEVATED-FEED TYPE
1/2" Base with Spring
COUNTRY / CITY KIT

Elevated Feed.
Spring base.
Fibre glass
whip 600mm and
a Stubby 150mm.
(Country/City)
5M Attached lead.
1/2" mounting nut.
Requires bracket.
No ground plane
required.
Australian Made
Requires plug
see Section 7.
Benelec 02635
Gain 6dBi
Code ANT420



LONG-RANGE 24"
or
CAR PARK 6"

EXPLORER
BENELEC



BENELEC



UHF FIBREGLASS 1.2M 4.5dB

477MHz 200W
 Lightweight Flexible whip
 200W Transmitter Max.
 Collinear Low SWR 1/2wave
 Low angle of radiation
 Mobile or Base station
 Flexible Fibreglass whip
 Made In Australia
 5/16" Base Required
 Vswr 1.5:1 over 8MHz
 4.5dB Gain 200Watt

WHITE
 Mobile One CL474SW
 Code ANT827

BLACK
 Mobile One CL474SB
 Code ANT826



UHF HEAVY DUTY WHIP 1M 4dB

477MHz WHITE WHIP 950mm
 Ground Plane Independent.
 Heavy duty spring base.
 Excellent general purpose
 heavy duty fibreglass whip.
 Wide tapered strong radome
 for light weight & strength.
 High performance. 4dB gain.
 Terminates to PL259 Plug
 or SO239 UHF socket
 Suit all vehicles on land
 or marine, bull-bar or mast.
 Long life design. Low SWR.
 Made in Australia Mobile-One.
 DC Grounded for safety.
 Mobile One CL474COMBI

WHITE
 Code ANT423

BLACK
 Code ANT828



UHF RAYDON WHIP 1.6M 6dB

477MHz 1600mm KIT
 1600mm Fibreglass 6dB
 Collinear. 200W Max.
 Ground plane independent
 DC grounded for protection
 For use as a mobile whip
 4x4, trucks, rural, etc.
 Direct PL259 Plug end
 Requires SO239 Base
 Requires cable, etc.
 Mobile One CP476W

WHITE
 Code ANT421

BLACK
 Code ANT830



UHF RAYDON WHIP & SPRING 1.6M 6dB

477MHz 1630mm WITH SPRING
 1630mm Fibreglass 6dB 200W
 Collinear. Spring Base
 Ground plane independent
 DC grounded for protection
 Extra Heavy duty sprung
 for use as a mobile whip
 4x4, trucks, rural, etc.
 Direct PL259 Plug end
 Requires SO239 Base
 Requires cable, etc.
 Mobile One CP476S

WHITE
 Code ANT832

BLACK
 Code ANT831



UHF RAYDON WHIP & SPRING 1.2M 4.5dB

477MHz 1200mm KIT
 1200mm Fibreglass 4.5dB 200W
 Collinear. Spring Base. PL259
 Ground plane independent
 DC grounded for protection
 Extra Heavy duty sprung
 for use as a mobile whip
 4x4, trucks, rural, etc.
 Direct PL259 Plug end
 Requires SO239 Base
 Requires cable, etc.
 Mobile One CP474S

WHITE
 Code ANT835

BLACK
 Code ANT834



UHF ELEVATED-FEED & SPRING 1.8M 6dB

477MHz 1800mm KIT
 Fibreglass 6dB 200W
 Collinear. Spring Base
 Ground plane independent
 Suit trucks, rural,
 four wheelers, boats,
 or as a base station, etc.
 DC grounded for protection
 Lead side-entry above spring
 3.6M coax to PL259 Plug
 Base requires 1/2" bracket
 Mobile One CP476MSK
 Black ANT829
 White ANT424

ANTENNA ONLY
 Terminates to SO239
 Mobile One CP476
 1550mm 200W 6dB
 Black ANT830
 White ANT421





Locked Bag 30
138 Liverpool Rd
Ashfield 2131



MOBILE COMMUNICATIONS ACCESSORIES
www.benelec.com.au
www.mobileone.com.au

UHF FIBREGLASS WHIP 1200mm 6dB

MEGA-BLASTER 477MHz 6dB

Wide bandwidth 25MHz to 900MHz!
Multi-stacked co-linear 1.2M
fibreglass, polyolefin covered.
6dB gain 450MHz to 520MHz with
1M² ground plane, but will also
perform well on bull-bars, etc.
Suit scanners, UHF, etc. Black.
High grade construction with
copper and brass for 1400W max.
Long-life for base or mobile.
Terminated 5/16" for UHF bases.
Australian made. Antenna only.
Mobile One M476
Code ANT419

Coil x3
(4 Phase)



UHF INVISIBLE 2.5dB

WINDOW MOUNT

477MHz Coaxial Dipole UHF
Clear transparent on-glass
UHF Antenna Vandal proof
Mounts on the inside of a
Vehicle Windscreen
460MHz - 470MHz 2.5dBi
Max power rating 25 watts
Covert & No wind noise
Includes 3.6M Low-loss
Coax to PL259 Plug
Long thin style to suit
Front, Side Rear windows
Size 265x20mm
Code ANT901



UHF FIBREGLASS 600mm 4.5dB

477MHz 400W

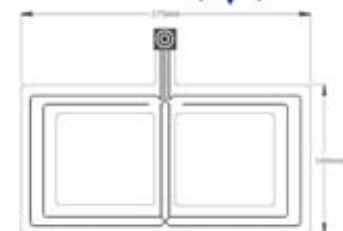
Lightweight Flexible whip
High power Transmitter
Collinear Low SWR
Low angle of radiation
PVC Coated Fibreglass
Made In Australia
5/16" Base Required
Vswr 1.5:1 over 14MHz
4.5dB Gain 400Watt
Mobile One M474
Code ANT821



UHF INVISIBLE 4.5dB

WINDOW MOUNT DOUBLE

Discrete 477MHz antenna
High performance full-wave
dual pole w/ common center
Omni-directional Wide-band
Clear Mylar/Polyester
Transparent for on-glass
UHF Antenna Vandal proof
Mounts on the inside of a
Vehicle window glass
390MHz - 520MHz 4.5dBi
Max power rating 25 watts
Vswr 1.2:1 at 477MHz
Covert & No wind noise
Includes 3.6M Low-loss
Coax to PL259 Plug
Long thin style to suit
Front, Side Rear windows
Size 275x140mm
Code ANT902



UHF RUBBER-DUCKY 360mm 2dB

477MHz 2dB 1/2" BASE

Flexible type with
spring base for a
low-profile, tough
mount anywhere!
2dB 300W BW=15MHz
Ground Independent
Only 360mm tall
Australian made

TAIL

3.6M coax to PL259
Requires 1/2" bracket
Mobile One CD470
Code ANT410

PL259

mount direct to unit
or to an SO239 Base
Ground Independent
Only 360mm tall
Mobile One CD470PL
Code ANT823



MOBILE PHONE ANTENNA

GSM & CDMA

Thru-Window Antennae
See Section 17
Large range of
Mobile Phone Accessories
www.cellink.com.au

CAR ANTENNAE

Original telescopic AM/FM
To suit your vehicle is
Available from Section 18
Fully Auto Antennae
Replacement Telescopic
Masts to suit, etc.
More car accessories
available from Section 18

