

מחמת

שקט



2012

**NEW  
PRODUCT**

# 2012 New products, ATTENTION TO :

*SUPERSTEEL series*



**NEW INOX FERRULE  
FOR VHF ANTENNAS**



**NEW NYLON FERRULE  
FOR VHF SPARK ANTENNAS**

Antenna for the direct  
pc/usb connect:  
l'antenna  
da collegare  
direttamente al PC:



**WIFI ANTENNA**

1 Antenna, 2 Lengths  
5 Installation types!

1 Antenna, 2 Misure,  
5 tipi di Installazione!



120 cm  
250 cm

**VHF ANTENNA**



# The FASTFIT CONNECTOR SYSTEM Series

*Installazione  
veloce*

*Fast  
Installation*

**VHF**

**9119**  
Fiberglass whip  
Lenght 1,5 mt (5 ft)  
Frequency: 156-162 Mhz  
Gain: 3 db  
Impedance: 50 Ohm  
Max Input: 25 W  
DC Closed: YES  
Weight: 300 gr (10 oz)

**9118**  
Fiberglass whip  
Lenght 2,50 mt (8 ft)  
Frequency: 156-162 Mhz  
Gain: 6 db  
Impedance: 50 Ohm  
Max Input: 25 W  
DC Closed: YES  
Weight: 600 gr (20 oz)

**CB**

**9051**  
Fiberglass whip  
Lenght 1,5 mt (5ft)  
Frequency: 26-29 Mhz TURNABLE  
Bandwith: 600 Khz (40 Channels)  
Gain: 0 db  
Impedance: 50 Ohm  
Max Input: 25 W  
DC Closed: YES  
Weight: 300 gr (36 oz)

**AM - FM**

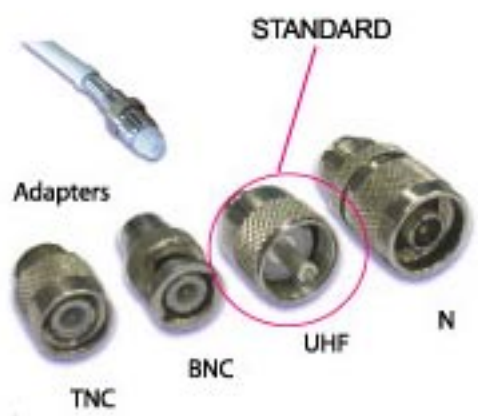
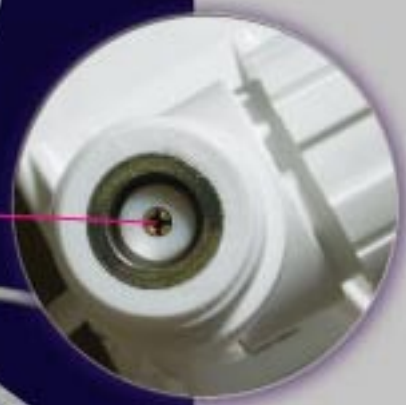
**9032**  
Fiberglass whip  
Lenght 1,5 mt (5ft)  
Frequency: 0,5-1,6/88-108  
DC Closed: NO  
Weight: 300 gr (36 oz)

**BASE**

**9054**  
4 way Nylon base with fastfit connector  
6,60 RG-58 cable with FME connector mount  
FME - PL adapter

**BASE**

**9016**  
4 way Chrome plated base with fastfit connector  
6,60 RG-58 cable with FME connector mount  
FME - PL adapter



# BANTEN

NEW  
PRODUCT

**SuperSteel** : la robustezza dell'acciaio Inox,  
per una antenna leggera ed economica.

The Stainless Steel strenght but light and economic!  
Patented ferrule: a INOX shell, result of ingenious idea!



02011

**SuperSteel/DB/12 - S/S**

VHF Antenna with BANTEN PATENT : ferrule in Stainless Steel AISI 316L

MARINE PERFORMANCE Shiningh polished

5 Years Warranty any corrosion

Frequency 156-162 Mhz

Gain 6 dbi

Impedance 50 ohm

Max Power 50W

DC Closed YES

Lenght: 2,40 mt (8 ft)

Weight: 600 gr (21 oz)

Base fitting 1"-1 4 female S/S AISI 316 Polished

Termination 5,0 mt (1 6 ft) RG 58

Epoxy fiberglass white material

Poliurethane white paint High Gloss

Base materia Stainless Steel Aisi 316 Polished

SEE PAGE 75:

Disponibile anche nel Retail Package:

Available also in retail pack

**boat-builders-pack: 10 pc**

10BOX\* = risparmio -0,75 euro a pezzo  
= save money € -0,75 each

Order Example: 10BOX02011

**penta-pack: 5 pc**

5BOX\* una Base Totem inclusa  
With 5BOX a totem-base included

Order Example: 5BOX02011

**tube-pack 1pc**

1BOX\* = + € 1,50 /each

Order Example: 1BOX02011



connettore PL  
incluso in ogni antenna  
PL Connector in  
all antenna package

**NEW  
PRODUCT**

02010

### SuperSteel/DB/6 /S/S

VHF Antenna with BANTEN PATENT ferrule in Stainless Steel  
AISI 316L Marine performance shinning polished 5 year warranty  
any corrosion, White Epoxy Fiberglass Material,  
Polyurethane white paint by gloss

Frequency	156-162 Mhz
Gain	3 dbi
Impedance	50 ohm
Max Power	50W
DC Closed	YES
Lenght:	1,5 mt (5 ft)
Weight:	400 gr (14 Oz)
Base fitting	1-14" thread
Termination	5,0 mt (1 6 ft) RG 58
Base materia	Stainless Steel Aisi 316 Polished



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**penta-pack: 5 pc**

5BOX\* una Base Totem inclusa  
With 5BOX a totem-base included

Order Example: 5BOX02010

**tube-pack 1pc**

1BOX\* = + € 1,50 /each  
Order Example: 1BOX02010



# VHF SPARK SERIES

## STYLED TO WORK DISEGNATA PER LAVORARE

*La serie Spark nasce nel 1978, dalla richiesta di una antenna che rispondesse alle esigenze di affidabilità, robustezza e convenienza:*

*finitura in vetro naturale e sostanza netta.*

*In poco tempo, la serie si è distinta per aver mantenuto le promesse e si è completata di diversi modelli*

**The Spark series born on 1978 to satisfy requirements of reliability, strenght and cheapness: more essence whit natural fiberglass finishing.**

**In a short time the Spark series makes itself conspicuous by for its characteristics and is completed with different types range.**



### 00119

#### SPARK/DB/6/N

Antenna VHF con finitura in vetro naturale  
Vhf antenna with natural fiberglass finish.

Frequency	156-162 Mhz
S.W.R.	1,50
Gain	3 dbi
Impedance	50 ohm
Max Input	25W
DC Closed	YES
Lenght:	1,5 mt (5 ft)
Weight:	400 gr (14 oz)
Base Fitting	1"-14 female nylon ferrule
Termination	5,0 mt (16 ft) RG 58

1,5 mt

### 00078 INOX Ferrule & Bracket

#### SPARK/DB/3

Antenna VHF con stilo in fibra di vetro bianco  
Vhf antenna with fiberglass whip

Frequency	156-162 Mhz
S.W.R.:	1,1
Gain	0 dbi
Impedance	50 ohm
Max Input	50 W
DC Closed	YES
Lenght:	1,50 mt (3 ft)
Weight:	200 gr (11 oz)
Base Fitting	S/S "L" bracket (included)
Termination	18 mt (60 ft) RG58 C/U

### 00178 DB/3/25 - 25,0 mt (80ft) RG58 C/U

#### SEE PAGE 75:

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= save money € -0,75 each

Order Example: 10BOX00119

#### penta-pack: 5 pc

5BOX\* una Base Totem inclusa  
With 5BOX a totem-base included

Order Example: 5BOX00119

#### tube-pack 1pc

1BOX\* = + € 1,50 /each  
Order Example: 1BOX00119

1,20 mt



connettore PL  
incluso in ogni antenna  
PL Connector in  
all antenna package



## 00218

### SPARK DB/12/N

Antenna Vhf con finitura lucida, fondo in Nylon  
Vhf antenna with brilliant finish.

Frequency	156-162 Mhz
S.W.R.	1,30
gain	6 db
Impedance	50 Ohm
Max Input	25 W
DC Closed	Yes
Length:	2,50mt (8 ft)
Weight	500 gr (14 oz)
Termination	5,0 mt (16 ft) RG58 C/U
Base fitting:	1"-14 female nylon ferrule

## 00067

### SPARK DB/6

Antenna Vhf con finitura lucida, fondo in Nylon  
Vhf antenna with brilliant finish, Nylon ferrule.

Frequency	156-162 Mhz
S.W.R.	1,50
gain	3 dBi
Impedance	50 Ohm
Max Input	25 W
DC Closed	Yes
Length:	1,50 mt (5 ft)
Weight	400 gr (14 oz)
Termination	5,0 mt (16 ft) RG58 C/U
Base fitting:	Four way nylon ratchet mount built-in included

## 00118

### SPARK DB/12/C

Antenna Vhf con finitura lucida, fondo in Nylon  
Vhf antenna with brilliant finish, Nylon ferrule.

Frequency	156-162 Mhz
S.W.R.	1,30
gain	6 dBi
Impedance	50 Ohm
Max Input	25 W
DC Closed	Yes
Length:	2,50 mt (8 ft)
Weight	600 gr (14 oz)
Termination	5,0 mt (16 ft) RG58 C/U
Base fitting:	1"-14 female nylon ferrule

**NEW PRODUCT**

00218

1,5 mt

2,5 mt

00067

00118

#### SEE PAGE 75:

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Available also in retail pack

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Order Example: 10BOX00119

#### penta-pack: 5 pc

5BOX\* una Base Totem inclusa

With 5BOX a totem-base included

Order Example: 5BOX00119

#### tube-pack 1pc

1BOX\* = + € 1,50 /each

Order Example: 1BOX00119





Radio Antennas  
since 1969

# WIFI

RJ45 10/100 base T Ethernet IEEE802,3



**2188-2V (sail version)**



**2188-2M (motor version)**

### MECHANICAL FEATURES

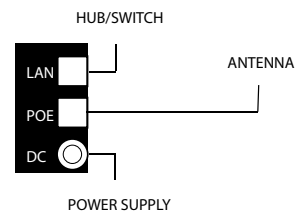
Length	51 cm
Weight	400
Sections	1
Structure	Epoxy fiberglass
Finishing	Polyurethane paint
Colour	White Ral
Chromium plating	20m copper, 20m nickel, 5m chrome
Fittings	2188-1V Inox L bracket 2188-2M 1"-14 th male

### ELECTRICAL FEATURES

Antenna Type	8 db Collinear
Frequency	2,4 - 2,5 Mhz
Polarization	Vertical
Power RF	1 W
Power Supply	24 V DC feed through connector (POE)
Supply	7 W
Connector	RJ45 10/100 base T Ethernet IEEE802,3 waterproof protection
Lighting protection	yes
DC closed	yes



### POE



### ENVIRONMENTAL SPECIFICATION

Temperature, salt, ice, sun irradiation resistance in accordance with MIL-STD 810E

Vibration resistance in accordance with MIL-STD 167-1

Shock resistance in accordance with MIL-STD 810E

Treatments and paintings in accordance with MIL-T-704K

# WIFI SERIES

Antenna with RF exit  
to connect to access point:  
l'antenna con uscita RF  
da collegare ad un access point:

02188  
WIFI

Lenght	35 cm
Wheight	400 gr
Fittings	1"-14th male or 1" Gass bolt
Structure	Epoxy fiberglass
Finishing	Polyurethane paint
Frequency	2400-2500 Mhz
Impedance	50 Ohm
Max Power	5 W
Polarization	vertical
Connection	8 Dbi
Lightning protection:	DC Ground
Connector	N female
Antenna Type	Collinear Dipoles

02188



0,35 mt

N connector



4  
Installation  
types

Antenna for the direct  
pc/usb connect:  
l'antenna  
da collegare direttamente al PC:

2188-1  
WIRELESS 150N 2.0  
High Speed USB ANTENNA

This High gain 2,4 Ghz antenna is perfect for your WiFi-WLan or 802.11 application. High Velocity of Data Transmission - to 150Mbps supports the AP software function (transform the user of wireless network in one access point)

Frequency	2400-2500 Mhz
WiFi	IEEE 802.11b/g
compatible to	IEEE 802.11n (150Mbps Wireless LAN)
USB Interface	2.0 High Speed
Certifications	FCC Class B, CE
Required Systems	Window XP, Vista, or OsX4.5 or More
Power TX	17 dbm
RX sensitivity	150 Mbps OFDM -76 dBm
DC Closed	Yes
Lenght	0,60 mt
Wheight	250 gr
Termination	USB2 Connector
Ferrule	1-14 Th female

INCLUDED:  
-Antenna  
-5 mt cable  
-CD  
-Instruction Manual

OPTIONAL Accessories:  
Amplified USB-USB female Cable  
USB / Lan Converter

USB Connector  
included:



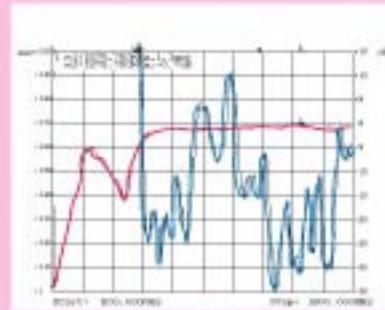
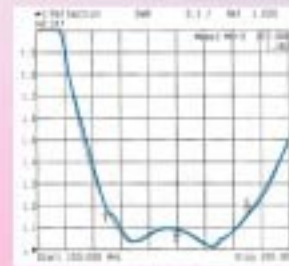
0,60 mt

2188-1

# VHF/AIS/GPS

## 15114 VHF/AIS - GPS

Frequency	VHF-AIS 156-163 Mhz GPS 1575.42 Mhz
Antenna type	VHF-AIS side feed dipole collinear GPS Quadrifilar helix
Impedance	50 Ohm
SWR	VHF-AIS see diagram GPS 1:1
Max power	VHF-AIS 25 W GPS reception
Gain	VHF-AIS 3 dbi GPS +25dbic (amplifier)
Polarization	VHF-AIS vertical GPS RHCP
Antenna connector	N female
Power GPS	ANT 2,8 - 3,3 V DC feed through the antenna connector 15 mA GPS 3,3 - 6 V DC feed through the GPS connector 20 mA
Noise figure	control supple led GPS 1,2 db
Input 3rd intercept point	GPS - 10 dbm
Max cable length	RG-58 20 mt max RG-213 40 mt max
Length:	1,0 mt
Weight:	0,5 Kg
Bottom Diameter:	20 mm
Antenna Structure:	Epoxy Fiberglass
Finishing:	Polyhurethane Paint
Colour:	White RAL 9000
Irradiation Element Material:	Brass
Ferrule material:	Chrome plated brass
Working Temperature	-50° C, +60°C,
Max wind resistance	150 Km/h
Mounting:	1" gas pipe mount bolt 1"-14th male thread

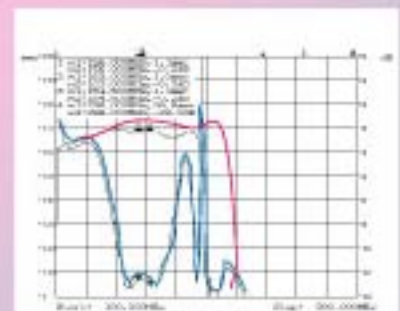


Temperature, salt, ice, sun irradiation resistance in accordance with MIL-STD 810E  
Vibration resistance in accordance with MIL-STD 167-1  
Shock resistance in accordance with MIL-STD 810E

Test Led GPS power supply

### Splitter

Dimension	30 x 30 x 10
Material	stainless steel
Connector	ANT IN N female VHF-AIS SO 239 female GPS BNC female
Circuit	LPF - HPF passive filter
SWR	VHF 1,2 GPS 1,2



# MODEL VHF/AIS - GPS

CODE 15.114-1

## Electrical Features

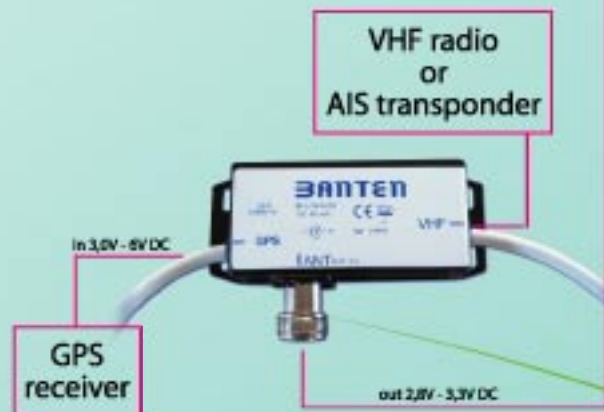
Frequency	AIS	161-162 Mhz
	GPS	1575.42 Mhz
Antenna type	VHF-AIS	side feed dipole collinear
	GPS	Patch antenna
Impedance		50 Ohm
SWR	AIS	less 1,2 on the band
Max power	AIS	25 W
	GPS	reception
Gain	VHF-AIS	0 dbi
	GPS	+25dbic (amplifier)
Polarization	AIS	vertical
	GPS	RHCP
Antenna connector		TNC female
Power	GPS	3,3 - 6 V DC feed through the GPS splitter connector 20 mA control supple led
Noise figure	GPS	1,2 db
Input 3rd intercept point	GPS	- 10 dbm
Max cable length	RG-58	20 mt max
	RG-213	40 mt max

## Mechanical Features

Length:	25 cm
Weight:	400 gr
Working Temperature	-50° C, +60°C,
Mounting:	1"-14th female
Base	not included

## Splitter

Dimension	90 x 35 x20
Material	metallic case
Connector	ANT IN N female
	VHF-AIS PL male
	GPS FME = PL adapter
	N adapter
	BNC adapter
Circuit	LPF - HPF passive filter
SWR	VHF 1,2
GPS	GPS 1,2



## 15113 GPS Antenna

Frequency	1575,42 Mhz
Connector	N female
Antenna Type	Quadrifilar Helix
Impedance	50 Ohm
Gain	+25 dbic (amplifier)
Polarization	RHCP
Power	3-6 volts DC feed through connector + center pin
Suply	15 mA
Noise figure	1,2 db
3rd intercept point	-10 dbm

Max cable lenght	
20 mt RG-58	
40 mt RG-213	
Lenght	80 mm
Wheight	50 gr
Fittings	1"-14 th male or 1" Gass bolt
Structure	Nylon body

Temperature, salt, ice, sun irradiation resistance  
In accordance with MIL-STD 810E  
Vibration resistance in accordance with MIL-STD 167-1  
Shock resistance in accordance with MIL-STD 810E



4  
Installation  
types

## Soluzioni di Montaggio Mounting Solutions



# 00331

La nuovissima antenna TV a frusta offre un'ottima ricezione su tutti i canali TV-DVBt, grazie al suo amplificatore a basso rumore.  
 The new TV/Whip-style antenna for best reception to the DVBt frequency, with the Low Noise amplifier.

Frequency	175-240 / 470-860 MHz
Gain	24 db
Impedance	75 Ohm
Output Voltage	+26 dbm
Noise Figure	1,9 db
Power	12 VDC - 50 mA
Connection	F femmina
Weight	100 gr
Length	25 cm
Fitting	Hole dia 12mm or adapter included for 1"-14 thread female
Cable	5 mt low loss cable

Package  
 Banten TV-DVB-T Antenna  
 Power Supply  
 5 mt TV/Low Loss Cable  
 2 F connectors

# Whip TV 25 cm

**NEW PRODUCT!**



1

adapter included



00331

3 Installation types

— mount to: — accessories not included - Pag.66-67



00054



00198

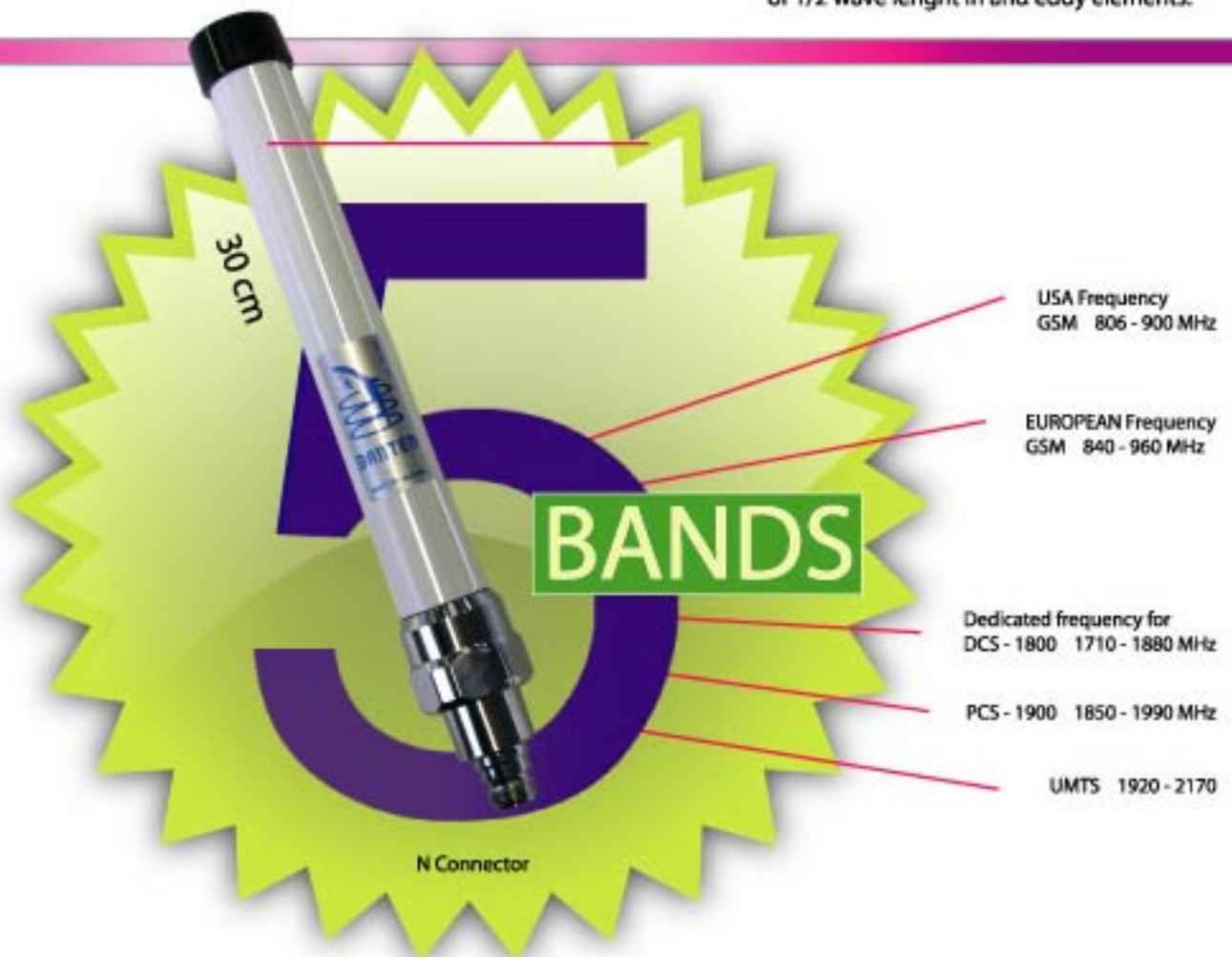


00146



00154

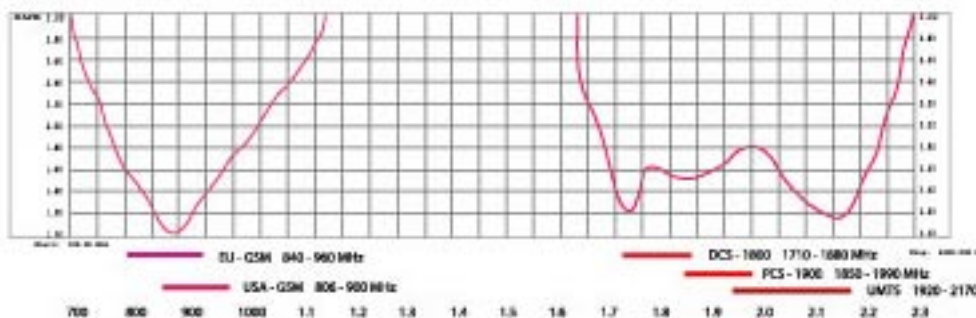
Antenna Cellulare GSM collineare 5 Bande,  
costituita da elementi di mezz'onda in fase.  
Cellular GSM Collinear Antenna with system  
of 1/2 wave lenght in and eddy elements.



## 01990

Fiberglass whip: lenght 0,30 (1 ft)  
frequency: see the list  
Gain: 3 Db  
Power: 20 W  
Weight: 330 Gr (20 Oz)  
Structure: Epoxy Fiberglass  
Finishing: Polyurethane paint  
Base fitting: Insertion on dia 26 mm  
pipe with bolt 1"G  
Termination: Bottom N female

01990  
5 Band Diagram



# PACKAGING



## 00546 Vertical Display

L'espositore classico,  
in metallo,  
con comodi ganci.

The classic metal display  
with easy hooks.



### Il totem/penta-pack:

ogni spedizione che contempla il penta-pack,  
viene completata con una base a tronco di piramide,  
per creare il simpatico espositore.

### The totem/penta pack:

each shipment, including the penta / pack,, it's com-  
pleted with a base,  
to mount the nice display!

Sigla per ordinare:  
code for order:  
5BOX\*

esample: 5BOX119

**boat-builders-pack: 10 pc**

sigla per ordinare

code for order:

10BOX\*

= risparmio -0,75 euro a pezzo

= save money € -0,75 each

only for code:

0118            0218

2011            2010

0119            0067



The  
**BANTEN**  
Retail Packaging:  
10BOX  
5BOX  
1BOX



**penta-pack: 5 pc**

sigla per ordinare-code for order:

5BOX\*

only for code:

00118            00218            00119

02010            02011

00067            00167            01167

00152            00078            00178

con il 5BOX, una Base Totem

in ogni spedizione

With 5BOX a totem-base included



**tube-pack 1pc**

sigla per ordinare

code for order:

1BOX\*

= + € 1,50 /each

**All the codes,  
any lenght.**

