



Established in 1976 Barrett Communications designs, manufactures and markets HF and VHF radio equipment for specialised, autonomous, medium and long distance radio communications. HF and VHF radio communications is “free to air”; having no recurring usage charges once the communications network has been installed.

Barrett radio networks are capable of providing voice, email, data, fax, and tracking solutions for fixed base station, mobile and manpack portable applications. Our global distribution and customer support network provides easy access and backup for our customer base in over 150 countries globally.

This catalogue accompanies the Barrett commercial product catalogue. It contains the product details for the Barrett Communications high power HF transmission systems and the varying configurations there of.

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Note:-

1. Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation
2. For complete technical specifications please refer to your business development manager
3. Net weights provided are indicative and are subject to variation, they are provided as guide for operational use of products only.
Packed weight will be determined based on orders once received and as such are not indicated in this catalogue.

4075 HF High Power Transmitter Packages

	Barrett P/N	MSI P/N	Net Weight
4075 HF High Power Transmitter Package 20 RU - 1 Kw	BC407510	TT4377A	172 kg

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.

See brochure for more detailed information.

Note:-
High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.



For additional options and accessories, please see relevant section detail.

Includes:-

20U desk mount rack	BCA407522	TT4317A	
4050ip HF SDR Transceiver	BC405000ip	TT4449A	
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 1 kW	BC407501	TT4315A	
Fan unit to suit 4050	BCA40002	DDN3613A	
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit 1kW	BC407503	TT4316A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

	Barrett P/N	MSI P/N	Net Weight
4075 Wideband HF High Power Transmitter Package 20 RU - 1 Kw	BC407510wb	TT4378A	172 kg

The Barrett 4075 Wideband high power HF Transmitter is a compact rack mounted communications solution developed for base station applications. Supports MIL-STD 188-141D wideband signals up to 24khz and data rates up to 120kbps

See brochure for more detailed information.

Note:-

High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.



Includes:-

20U desk mount rack	BCA407522	TT4317A	
4050wb HF SDR Transceiver	BC405000wb		
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 1 kW	BC407501	TT4315A	
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit 1kW	BC407503	TT4316A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

Barrett P/N	MSI P/N	Net Weight
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4075 HF High Power Transmitter Package 20 RU - 500 W	BC407512	TT4597A	172 kg
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The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.



See brochure for more detailed information.

Note:-
High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

20U desk mount rack	BCA407522	TT4317A	
4050ip HF SDR Transceiver	BC405000ip	TT4449A	
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 500 W	BC407500	TT4327A	
Fan unit to suit 4050	BCA40002	DDN3613A	
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit	BC407502	TT4328A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

Barrett P/N	MSI P/N	Net Weight
BC407511	TT4645A	258 kg

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.

See brochure for more detailed information.

Note:-
High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.



Includes:-

39U rack	BCA407523		
4050ip HF SDR Transceiver	BC405000ip	TT4449A	
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 1 kW	BC407501	TT4315A	
Fan unit to suit 4050	BCA40002	DDN3613A	
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit 1kW	BC407503	TT4316A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

Barrett P/N	MSI P/N	Net Weight
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4075 HF High Power Transmitter Package 39 RU - 500 W	BC407514	258 kg
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The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.

See brochure for more detailed information.

Note:-

High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.



Includes:-

39U rack	BCA407523		
4050ip HF SDR Transceiver	BC405000ip	TT4449A	
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 500 W	BC407500	TT4327A	
Fan unit to suit 4050	BCA40002	DDN3613A	
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit	BC407502	TT4328A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

	Barrett P/N	MSI P/N	Net Weight
4075 HF High Power Transmitter Package No Rack - 1 kW	BC407520	TT4439A	N/A

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.



See brochure for more detailed information.

Note:-

High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

4050ip HF SDR Transceiver	BC405000ip	TT4449A	
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 1kW	BC407501	TT4315A	
Fan unit to suit 4050	BCA40002	DDN3613A	
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit 1 kW	BC407503	TT4316A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

Barrett P/N	MSI P/N	Net Weight
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4075 HF High Power Transmitter Package No Rack - 500 W	BC407521	TT4438A	N/A
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The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.



See brochure for more detailed information.

Note:-

High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

4050ip HF SDR Transceiver	BC405000ip	TT4449A	
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 500 W	BC407500	TT4327A	
Fan unit to suit 4050	BCA40002	DDN3613A	
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit	BC407502	TT4328A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

	Barrett P/N	MSI P/N	Net Weight
4075 HF High Power Transmitter Package (transportable) 9RU Suprobox rack - 500 W	BC407515	TT4301A	N/A

The Barrett 4075 high power HF Transmitter is a compact rack mounted communications solution developed for base station applications.



See brochure for more detailed information.

Note:-
High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

9RU Suprobox rack 9U48 Black	BCA407503		
4050ip HF SDR Transceiver	BC405000ip	TT4449A	
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 500 W	BC407500	TT4327A	
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit 500 W	BC407502	TT4328A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

	Barrett P/N	MSI P/N	Net Weight
4075 Wideband HF High Power Transmitter Package (transportable) 9RU Suprobox rack - 500 W	BC407515wb	TT4383A	N/A

The Barrett 4075 Wideband high power HF Transmitter is a compact rack mounted communications solution developed for base station applications. Supports MIL-STD 188-141D wideband signals up to 24khz and data rates up to 120kbps



See brochure for more detailed information.

Note:-
High power transmitters require high quality earthing systems and it is recommended that lightning arrestor kits are used on RF coaxial feeders. Details of required earthing systems are available from our technical service department and are supplied in the operation and installation manual.

For additional options and accessories, please see relevant section detail.

Includes:-

9RU Suprobox rack 9U48 Black	BCA407503		
4050wb HF SDR Transceiver	BC405000wb		
4022 Power Supply Unit 24 V	BC402201	DDN3726A	
4075 Linear amplifier 500 W	BC407500	TT4327A	
Fan unit to suit 4050	BCA40002		
4000 series Rack mount kit	BCA40007	DDN3563A	
4075 Power Supply Unit 500 W	BC407502	TT4328A	
AC Power distribution unit (power cable unterminated)	BCA407519		
4050 to Ethernet Adapter with USB Ports	BCA40504	DDN3689A	

Local and remote control devices

	Barrett P/ N	MSI P/N	Net Weight
Field PC DESKTOP	BCA202010		14 kg

HP ProDesk 600 G4 Small Form Factor PC
 Core i7-8700 3.2/4.6Ghz, 8GB, 256GB SSD, Win 10 Pro 64, 3 Yr
 4VM89PA

- * Intel Core i7-8700 (3.2 / 4.6 GHz)
- * 8GB DDR4 2400MHz Memory
(1 slot in use, 3 slots available)
- * 256GB M.2 2280 PCIe NVMe SSD
- * Slim SuperMulti DVD Burner
- * Intel UHD 630 Graphics
- * 1 x Spare 3.5 Bay, Spare SATA Port
- * 6 x USB 2.0, 4 x USB 3.0, 1 x USB 3.1 Type-C
- * 3 x DisplayPort
- * Gigabit Ethernet
- * 1 x PCIe x4, 1 x PCIe x16 (single width cards only)
- * HP Keyboard and Mouse
- * Microsoft Windows 10 Professional 64bit
- * Acer UT241Y 23.8" Full HD IPS Height Adjustable
Touch Screen Monitor
- * ALOGIC SmartConnect DisplayPort to HDMI 3m
Cable



Note:- Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.

Field PC LAPTOP	BCA202011		4 kg
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Typically: Panasonic Laptop Rugged CF-31 Toughbook - 13.1"
 TOUCHSCREEN

- i5 2.4GHz CPU
- 1TB HDD
- 8GB RAM
- Windows 7 Pro + MS Office
- WiFi
- DVD/CD-RW



Note:- Specifications are typical. Equipment descriptions and specifications are subject to change without notice or obligation.

Ethernet switch - 5 port	BCA40055		N/A
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The switched Ethernet networks reduce traffic and unpredictable timing. Due to the narrow housing design, the switches are suitable for use in control cabinets and junction boxes. The switch supports the auto negotiation function and offers transmission speeds of 10/100Mbps across RJ45 ports. The RJ45 ports offer an autocrossing function which means it is not necessary to make a distinction between 1:1 and crossover cables.



Barrett P/ N

MSI P/N

Net Weight

Ethernet switch - 8 port

BCA40061

N/A

The switched Ethernet networks reduce traffic and nonpredictable timing. Due to the narrow housing design, the switches are suitable for use in control cabinets and junction boxes. The switch supports the auto negotiation function and offers transmission speeds of 10/100Mbps across RJ45 ports. The RJ45 ports offer an autocrossing function which means it is not necessary to make a distinction between 1:1 and crossover cables.



Ethernet I/O controller Brainbox

BCA40056

0.25 kg

The Brainboxes Ethernet to DIO products are a range of Ethernet devices controlled by a host computer which provide digital communication functions using Input, Output and Relay lines. The ED product range has Input and Output lines which are capable of driving high current and high voltage loads and are specifically designed for use in industrial process control and automation environments.



RS485/Ethernet converter

BCA40057

0.34 kg

The Moxa NPort NPort 5110-T is an advanced, 1-port RS-232/422/485 serial device server that make it easy to network-enable serial devices



Optical fiber/Ethernet converter

BCA40058

N/A

Unmanaged Ethernet switch with 7 10/100BaseT(X) ports, and 1 100BaseFX multi-mode port with SC connector, -10 to 60°C operating temperature



Barrett P/ N

MSI P/N

Net Weight

Omnitronics devices IPR100 VOIP/SIP
BCA40052
0.3 kg

VoIP/SIP Gateway Interface (desk mount)

Stock Code: 0005-02010


Omnitronics devices IPR100R
BCA40059
1 kg

VoIP/SIP Gateway Interface (rack mount)

Stock Code: 0005-02010-200


Omnitronics devices IPR110+ Desk Mount
BCA40054
0.3 kg

VoIP/SIP Gateway Interface (desk mount)

Stock Code: 0005-02010-111


Omnitronics devices IPR110+
BCA40060
1 kg

IPR110+R – VoIP/SIP Gateway Interface (rack mount)

Stock Code: 0005-02010-211


Omnitronics devices IPR400 4 Channel VOIP Interface
BCA40053
1 kg

Similar to IPR 100 but enables up to four two-way radios to be remotely controlled over an IP link.
(rack mount)



Control position accessories

Barrett P/ N

MSI P/N

Net Weight

PTT foot switch

BCA207642

DDN3817A

0.25 kg

Press to Talk footswitch suitable for operator console foot activated PTT applications.



Desktop console suit 4050

BCA40020

TT4305A

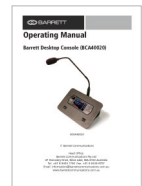
1.6 kg

The Barrett Desktop console incorporates a 4050 Control head for full transceiver functionality via IP and for direct connectivity to transceiver. Features include Boom Microphone latching/ no latching PTT, USB Interface, Ethernet connection & Inbuilt Power supply.

Includes:-

- AC/DC Power Adapter P/N BCA40021 TT4621A
- Desktop Console manual P/N BCM40020
- IEC mains cord (*UK, European, AUS and US style Selected at point of order)

Note:- For direct cable connection to transceiver use P/N BCA40005 DDN3614A - Control Head cable.



Coaxial switching devices

Barrett P/ N

MSI P/N

Net Weight

BCA40506

DDN3564A

0.65 kg

Dual Port Antenna Switch Unit

For connection of two antennas to a 4050 Transceiver.

Includes:-

- Connecting cables P/N BCA90028, 2065-00-06
- User guide P/N BCM40506



Multi coupler

BC407100

TT4539A

2 kg

This 1RU, 19" rack mountable multicoupler includes one RF input and 8 terminated(selectable) outputs suitable for eight receivers sharing one antenna. Units are daisy-chainable to increase the number of outputs for larger installations.

Includes:-

- Power cable P/N SA-42021

Note:- Excludes RF coaxial cabling. Use BCA97503 Coaxial RF Patch Lead – 1.0m per (one cable required for each connected receiver)



RG58 Coaxial patch cable terminated with UHF (PL259) Connectors - 1.0m

BCA97503

0.10 kg

Note:- One cable required for each connected receiver.



High power ATU (Automatic tuning unit)

Barrett P/ N

MSI P/N

Net Weight

1 kW ATU (Automatic tuning unit)

BC407508

TT4302A

Housed in a fully weatherproof enclosure, the Barrett 1kW Automatic Tuning Unit (ATU) (BC407508 TT4302A) will tune long wire antennas effectively up to a length of 10 metres and wire loop antennas or whip antennas over a frequency range of 2 to 30 MHz and is suitable for both marine and land applications.

Tuning is rapid, typically 10 seconds the first time RF is applied, either whilst the operator is talking or when the "Tune" control is activated on the transceiver.



Notes:-

- Requires Control Cable (see below)

- Suitable whip antennas include BC91713 TT4303A 10m High power whip for 3-30 MHz operation.
- For 2-30MHz operation using a long antenna minimum tuneable length is 44m
- Requires Anti-Vibration Tray for Marine Installation

Anti-Vibration Tray

BCA407535

TT4436A

When attached to the optional shock-mount, the 02-4100 is a rugged solution that is rated to MIL-STD-810G for shock and MIL-STD-167-1A for vibration.



4075 1kW ATU Control Cable 30 metres

BCA407540

Antenna Tuner Unit control cable



4075 1kW ATU Control Cable 50 metres

BCA407541

Antenna Tuner Unit control cable



4075 1kW ATU Control Cable 100 metres

BCA407542

DDN4088A

Antenna Tuner Unit control cable



Barrett P/ N

MSI P/N

Net Weight

4075 1kW ATU Coaxial Cable RG213 30 metres

BCA407543

5.9 kg

Assembly RG 213, N Male to UHF Male. Total Cable Loss 0.612dB.

Power out @ 500 watts = 434 watts.

Power out @ 1000 watts = 868 watts



4075 1kW ATU Coaxial Cable RG213 - 50 metres

BCA407544

9.75 kg

Assembly RG 213, N Male to UHF Male. Total Cable Loss 1.260dB.

Power out @ 500 watts = 374 watts.

Power out @ 1000 watts = 748 watts


Note:- Not recommended that RG213 is used for this cable length

4075 1kW ATU Coaxial Cable RG213 - 100 metres

BCA407545

TT4379A

19.5 kg

Assembly RG 213, N Male to UHF Male. Total Cable Loss 2.520dB.

Power out @ 500 watts = 280 watts.

Power out @ 1000 watts = 560 watts


Note:- Not recommended that RG213 is used for this cable length

Coaxial cable from transmitter to ATU (LMR 400) pre-terminated cable - 50 metres

BCA407552

DDN3539A

5.2 kg

Assembly LMR-400, N Male to UHF Male. Total Cable Loss 0.771dB.

Power out @ 500 watts = 419 watts.

Power out @ 1000 watts = 837 watts



Coaxial cable from transmitter to ATU (LMR 400) pre-terminated cable - 100 metres

BCA407553

DDN3921A

10.4 kg

Assembly LMR-400, N Male to UHF Male. Total Cable Loss 1.542dB.

Power out @ 500 watts = 351 watts.

Power out @ 1000 watts = 701 watts



Barrett P/ N

MSI P/N

Net Weight

Coaxial cable from transmitter to ATU (LDF4-50)
pre-terminated cable - 50 metres

BCA407554

11 kg

Assembly LDF4-50, N Male to UHF Male. Total Cable Loss 0.413dB.
Power out @ 500 watts = 455 watts.
Power out @ 1000 watts = 909 watts



Coaxial cable from transmitter to ATU (LDF4-50)
pre-terminated cable - 100 metres

BCA407555

22 kg

Assembly LDF4-50, N Male to UHF Male. Total Cable Loss 0.827dB.
Power out @ 500 watts = 413 watts.
Power out @ 1000 watts = 827 watts



4075 Interface box

BCA407536

TT4437A

N/A

4075 Interface box is the unit designed to interface the control signals
from the 4075 Linear amplifier to the Highpower ATU.

Includes:-

The mains power supply for the ATU.



4075 Interface to Linear cable

SA-20767

DDN4089A

N/A

This cable connects from the 4075 Interface box to the Linear
amplifier

Includes:-

Small control PCB board in the Linear amplifier connector.



Barrett P/ N	MSI P/N	Net Weight
BCA407501	DDN4090A	0.15 kg

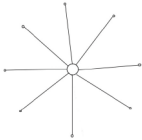
4050 to 4075 Linear Amplifier Control Interface Cable

For direct connection between 4050 HF SDR Transceiver and 4075 Linear Amplifier.



Ground Counterpoise Kit	BCA407550	DDN3730A	5 kg
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Portable 5 metres mast kit for tactical broadband and dipoles - rapid deployment.



Racking options and accessories

	Barrett P/ N	MSI P/N	Net Weight
39U floor mount 19" rack - colour black	BCA407523		58 kg
39U floor standing 19" rack, with back door and removable side panels.			
20U desk mount 19" rack - colour black	BCA407522	TT4317A	36.8 kg
20U floor and desk mounted 19" rack, with back door and removable side panels.			
4U table top rack mounting cabinet	BCA407524		2 kg
Our standard range of small 19" cabinets are 450mm deep and suitable for remote control table top applications and small equipment cabinet requirements. Optional front and rear doors if required.			
6U table top rack mounting cabinet	BCA407525		2.2 kg
Our standard range of small 19" cabinets are 450mm deep and suitable for remote control table top applications and small equipment cabinet requirements. Optional front and rear doors if required.			
8U table top rack mounting cabinet	BCA407526		2.4 kg
Our standard range of small 19" cabinets are 450mm deep and suitable for remote control table top applications and small equipment cabinet requirements. Optional front and rear doors if required.			

	Barrett P/ N	MSI P/N	Net Weight
19" Standard rack mount kit for 4050/4022	BCA40007	DDN3563A	2 kg

Standard rack mount tray for 4050/4022.

- Includes:-**
- Screw kit for mounting Transceiver/ Power supply unit.



19" Rack mount kit for 4050/4050	BCA40031		2 kg
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Standard rack mount tray for 4050/4050.

- Includes:-**
- Screw kit for mounting Transceiver/ Power supply unit.



19" Rack front panel with mic and speaker for 4050	BCA407528		0.75 kg
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Useful for extended control options from Transceiver and/or Transmitter in control centres where the operator sits away from the equipment rack.

Extended control options in communications vehicle racks.

Remote Site control options over LAN (separate power supply and special cabling require for this option).



Barrett P/ N	MSI P/N	Net Weight
BCA20007		2.35 kg

2000 Series 19" Rack Mount Kit - Machined Front

Enables 19" rack mounting of 2000 Series transceivers, power supplies, modems and multi coupler units - fits two 2000 Series units with two front panels, one 2000 Series unit with one blanked position or one 2050 Transceiver with a speaker and microphone panel.



The front face panel is 6mm machined aluminium.

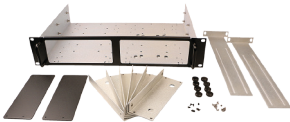
2000 Series 19" Rack Mount Kit - Pressed Front

BCA20017

2.2 kg

This is a lower cost version of the BCA20007 Rack Mount kit (Above)

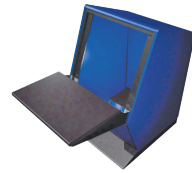
Enables 19" rack mounting of 2000 Series transceivers, power supplies, modems and multi coupler units - fits two 2000 Series units with two front panels, one 2000 Series unit with one blanked position or one 2050 Transceiver with a speaker and microphone panel.



The front face panel is 2mm pressed aluminium.

	Barrett P/ N	MSI P/N	Net Weight
Profile A Console	BCA207643		4 kg

Suitable for operator positions and remote control equipment, the Profile A Console presents 12RU (535mm) of usable height in the viewing area, and up to 10RU (445mm) below the desk, with a standard 19" mounting width.

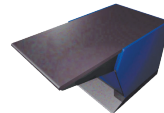


Available in the following colours:

 APO Grey Ripple P/# 34000-81	 Beige Ripple P/# 34000-07
 Blue Ripple P/# 34000-79	 Charcoal Grey Ripple P/# 34000-34
 Light Grey Ripple P/# 34000-41	 Sable Black TX P/# 34002-44

Profile B Console	BCA207644		4 kg
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This console matches the Profile A console and is suited for a desk top PC etc.

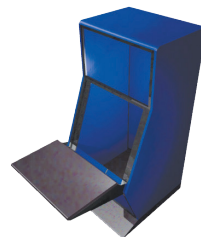


Available in the following colours:

 APO Grey Ripple P/# 34000-81	 Beige Ripple P/# 34000-07
 Blue Ripple P/# 34000-79	 Charcoal Grey Ripple P/# 34000-34
 Light Grey Ripple P/# 34000-41	 Sable Black TX P/# 34002-44

Profile C Console	BCA207645		8 kg
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Profile C offers the same above and below desk usable spaces as the profile A, with a further 8RU (355mm) area above. This is generally used for additional smaller monitors, often two C.C.T.V. units mounted side by side. It also suits equipment that is not suited to inclined mounting.



Available in the following colours:

 APO Grey Ripple P/# 34000-81	 Beige Ripple P/# 34000-07
 Blue Ripple P/# 34000-79	 Charcoal Grey Ripple P/# 34000-34
 Light Grey Ripple P/# 34000-41	 Sable Black TX P/# 34002-44

	Barrett P/ N	MSI P/N	Net Weight
1U 19" rack blanking panel - colour black	BCA207626		0.15 kg

Powder coated 1U blank 19" rack panel.



Includes:- fasteners

2U 19" rack blanking panel - colour black	BCA207627		0.25 kg
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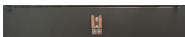
Powder coated 2U blank 19" rack panel.



Includes:- fasteners

2RU Microphone mounting panel - colour black	BCA207629		1.9 kg
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This 2RU panel has a microphone clip at its centre.



Includes:- fasteners

Modem shelf to suit 39U and 20U rack	BCA207641		1.9 kg
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19" shelf to suit modems or other freestanding equipment to be mounted in racks.



Includes:- fasteners

9RU 19" Suprobox plastic rack - colour black	MW-55577		24 kg
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Shock and vibration protection polymer transport case including metal frame suspended by shock mounts.
IP65 and MIL-STD-810G rated for water and dust ingress.



9RU 19" Suprobox plastic rack - colour green	MW-55578		24 kg
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Shock and vibration protection polymer transport case including metal frame suspended by shock mounts.
IP65 and MIL-STD-810G rated for water and dust ingress.



High Power Antennas, masts, and accessories

Barrett P/ N

MSI P/N

Net Weight

**912 Multi-wire broadband dipole (2 - 30 MHz)
- 500 W PEP**

BC91202

TT4304A

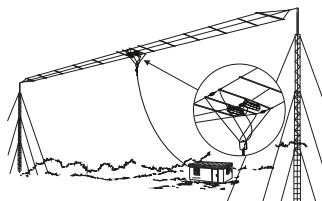
25 kg

27 metres stainless steel, fibreglass spreaders and encapsulated baluns and loads.

Includes:-

- 30 metres of RG-213 coaxial cable with waterproof UHF coaxial connectors

Note:- Masts illustrated not included. See mast section of catalogue.



**912 Multi-wire broadband dipole (3.6 - 30 MHz)
- 1 kW continuous**

BC91203

TT4351A

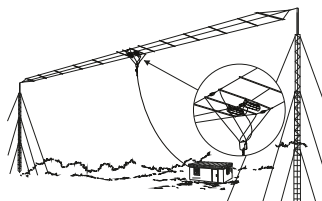
25 kg

27 metres stainless steel, fibreglass spreaders and encapsulated baluns and loads.

Includes:-

- 30 metres of RG-213 coaxial cable with waterproof UHF coaxial connectors and UHF to N-type adaptor

Note:- Masts illustrated not included. See mast section of catalogue.



**912 Multi-wire broadband dipole (2 - 30 MHz)
- 1 kW continuous**

BC91207

TT4329A

50 kg

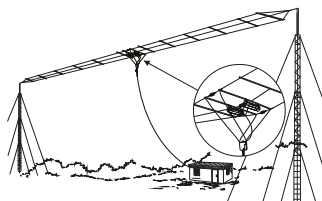
54 metres stainless steel, fibreglass spreaders and encapsulated baluns and loads.

Includes:-

- 30 metres of RG-213 coaxial cable with waterproof UHF coaxial connectors and UHF to N-type adaptor

Notes:-

- Ground catenary and Masts illustrated not included. See mast section of catalogue.
- This antenna requires minimum 15M Lattice masts to handle the forces to lift into horizontal configuration.
- We do not recommend inverted "V" configuration for this antenna.



Barrett P/ N

MSI P/N

Net Weight

10 Metre Mast - With Stainless steel Guys for Ground Mounting

BC90206

TT4340A

32 kg

This air transportable mast consists of 5 x 2m aluminium sections inserted on top of each other with a 1.5 m antenna support outrigger on the top section. There are 3 sets of 2 stainless steel guywires and one back-stay guywire to counter the weight of the antenna. Pegs, shackles and pins for the base plate are supplied.

Compatible Barrett antennas

912 HFMulti-wire broadband dipole 150W

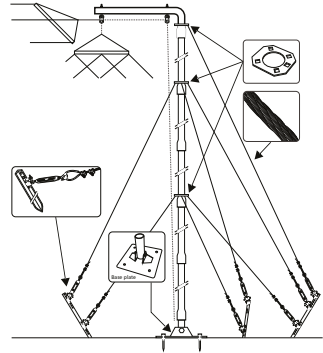
P/N: BC91200 TT4348A

912 HFMulti-wire broadband dipole 500W

P/N: BC91202 TT4304A

912 Multi-wire broadband dipole 1 kW

P/N: BC91203 TT4351A



Specifications

Packed dimensions: 2000mmx 200mmx 350mm

Wind rating: 120 kph

10 Metre Mast - With Stainless steel Guys for Flat Roof Mounting

BC90206FR

TT4339A

32 kg

This air transportable mast consists of 5 x 2m aluminium sections inserted on top of each other with a 1.5 m antenna support outrigger on the top section. There are 3 sets of 2 stainless steel guy wires and one back-stay guy wire to counter the weight of the antenna. Cleats, shackles and masonry anchors are supplied.

Compatible Barrett antennas

912 HF Multi-wire broadband dipole 150W

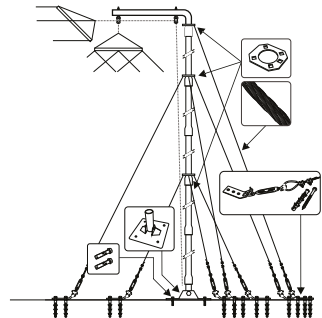
P/N: BC91200 TT4348A

912 HF Multi-wire broadband dipole 500W

P/N: BC91202 TT4304A

912 Multi-wire broadband dipole 1 kW

P/N: BC91203 TT4351A



Specifications

Packed dimensions: 2000mmx 200mmx 350mm

Wind rating: 120 kph

10 Metre Mast - With Nylon Guys for Pitched Roof Mounting

Barrett P/ N

BC90206PR

MSI P/N

DDN3926A

Net Weight

27 kg

This air transportable mast consists of 5 x 2m aluminium sections inserted on top of each other with a 1.5 m antenna support outrigger on the top section. There are 3 sets of 2 stainless steel guy wires and one back-stay guy rope to counter the weight of the antenna. Cleats, shackles and screws appropriate for tin roofs are supplied.

Compatible Barrett antennas

912 HF Multi-wire broadband dipole 150W

P/N: BC91200 TT4348A

912 HF Multi-wire broadband dipole 500W

P/N: BC91202 TT4304A

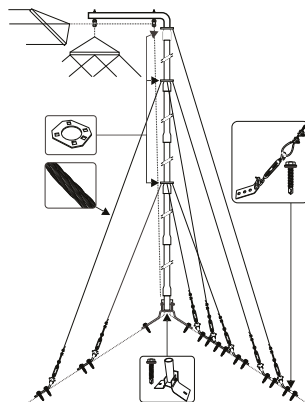
912 Multi-wire broadband dipole 1 kW

P/N: BC91203 TT4351A

Specifications

Packed dimensions: 2000mmx 200mmx 350mm

Wind rating: 120 kph



Barrett P/ N

MSI P/N

Net Weight

10 Metre Rapid Deployment Mast

2090-02-21

24 kg

This rapid deployment air transportable 10m mast consists of 2.1 metre aluminium sections with collared end joints, inserted on top of each other. Lower heights are achievable by using fewer sections. A tubular horizontal mounting arm, with pulleys, attaches to the top of the mast to enable large wire antennas to be raised in place once the mast is erected. The supplied 1 metre vertical extension can be added at the top of the mast to increase the maximum height to 11 metres. This extension enables more than one antenna to be easily mounted.

Compatible Barrett antennas

HF 912 Multi-wire broadband dipole 150 W

P/N: BC91200 TT4348A

HF 912 Multi-wire broadband dipole 500 W

P/N: BC91201 TT4373A

HF Rapid deployment broadband dipole 125 W

P/N: 2090-02-03

HF Rapid deployment two wire broadband dipole
150 W P/N: 2090-02-20

VHF Tactical rapid deployment antenna

P/N: 2086-02-10

VHF Tactical rapid deployment antenna

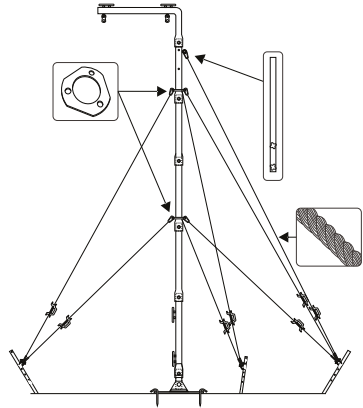
P/N: 2086-02-10

VHF 30 to 108 MHz elevated wideband antenna

P/N: 2083-02-03, DDN3714A

VHF 30 to 108 MHz centre-fed whip antenna

P/N: 2083-02-01, DDN3719A



Barrett P/ N

MSI P/N

Net Weight

Lattice Tower ready kit - H:12.7 metres Guyed

BC90216

100 kg

Tower Ready Kit - 12.7m guyed steel lattice mast.

Includes:-

- 8 X Tower Mounting Platform Kit / D: 260 / H: 1500 (4 X RV10080)
- 1 X Tower Mounting Top Kit (1 X RV10079)
- 1 X Tower Mounting Base Kit (1 X RV10078)
- 170m Steel Rope 3mm Hot-Dip Galvanized, Din 3055, Construction 6x7
- 12 X Turnbuckle M8 (Eye/Eye)
- 72 X Rope Clamp 3 Mm
- 12 X Shackle M10 (10mm)
- 6 X Concrete Anchor 12m X 200mm
- 12 X Thimble 4-5mm

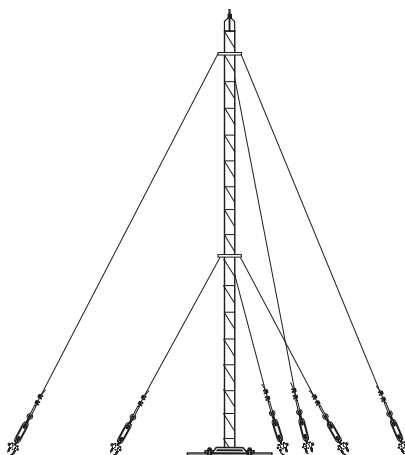


Note:-

- Due to the volumetric shipping nature of masts and cost of air freight we strongly recommend antenna masts are sourced locally at destination.
- Mast depicted is a representation only.

Compatible Barrett antennas

All Barrett antennas are compatible with this mast.



	Barrett P/ N	MSI P/N	Net Weight
Halyard and pulley kit - to suit 912 Broadband antennas	BCA91201		1.2 kg

Includes:-

- 2 off stainless steel pulleys
- 100 metres of 4 mm braided nylon halyard



Halyard and pulley kit (Heavy) - to suit 91207 54 metres Broadband antenna	BCA90203	DDN3992A	1.8 kg
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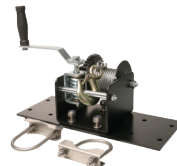
Includes:-

- 2 off stainless steel pulleys
- 100 metres of 6 mm heavy braided nylon halyard



2000lb (907Kg) Capacity worm gear portable or mountable hand winch with bracket and mounting hardware	BC90217		10 kg
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We recommend the use of this winch to facilitate the lifting of the BC91207 TT4329A 54M Multi-Wire Broadband dipole antenna to prevent injury due to the antenna's substantial lifting weight.



	Barrett P/ N	MSI P/N	Net Weight
10 m (35ft) GMDSS Marine high power whip antenna 3-30 MHz (500W/1KW)	BC91713	TT4303A	N/A

Notes:-

- For use with BC407508 TT4302A 1 kW Automatic antenna tuner (Lencom ATU).
- Not suitable for 500W/1KW operation below 3MHz
- Suitable counterpoise/ground plane required for ground installation, see BCA407550 DDN3730A Multi Radial Earth Matt/Ground plane counterpoise kit.



Coaxial Cables and accessories

	Barrett P/ N	MSI P/N	Net Weight
RG58 Single Screen Coaxial Cable - 50 Ohm Sold per metre	CA-06512		N/A
			
Male connector RG-58 Male Crimp-On BNC Connector	CN-04028		0.1 kg
			
RG213 Coaxial Cable, Transmission, RG213, 50 ohm Sold per metre	CA-06513	DDN3993A	N/A
			
N-type Male connector (Crimp type for RG213) RF / Coaxial Connector, N Coaxial, Straight Plug, Crimp, 50 ohm, RG8, RG213	BCA90048		0.1 kg
			
UHF (PL259) Male connector (Crimp type for RG213) RF / Coaxial, UHF Plug, Straight, Crimp	BCA407556	DDN3994A	0.1 kg
			
CNT-400 (LMR 400) N-Type Male connector RF Coaxial, N Plug, 50 Ohm, for LMR 400 cable	BCA407557	DDN3690A	0.1 kg
			
CNT-400 (LMR 400) N-Type Female connector RF Coaxial, N Jack, 50 Ohm, for LMR 400 cable	BCA407558		0.1 kg
			

Barrett P/ N

MSI P/N

Net Weight

STRIPPING TOOL, LMR-400 COAX CABLE

BCA407559

0.5 kg

For Use With: LMR-400 Type Coax Cables



Crimping Tool, LMR-400 COAX CABLE

BCA407560

0.5 kg

For Use With: LMR-400 Type Crimp Connectors



LDF4-50 Coax Cable

BCA90060

N/A

Andrew Corrugated - LDF4-50 Heliax® Excellent Intermodulation Performance, Complete RF shielding, Phase stability, Low attenuation High power capability. Sold per metre



N-type Male connector (LDF4/50)

BCA90061

0.1 kg

N -Type Male - LDF4-50



Lightning protection and earthing (grounding)

Barrett P/ N

MSI P/N

Net Weight

BCA90034

DDN3559A

2.05 kg

Lightning arrester 400 W
Includes:-

- 1 x Lightning arrester module PO-00020
- 1 x 5 metres length of RG58 Coaxial cable with PL259/UHF (male)
- 1 x Steel dolly
- 1 x 3 metres earth braid
- 1 x Brass cable clamp assembly
- 1 x Copper plated steel earth rod



BCA207503

DDN3566A

2.45 kg

Lightning arrester 1 Kw
Includes:-

- 1 x Lightning arrester module PO-00024
- 1 x 5 metres length of RG213 Coaxial cable with PL259/UHF (male)
- 1 x Steel dolly
- 1 x 3 metres earth braid
- 1 x Brass cable clamp assembly
- 1 x Copper plated steel earth rod



PO-00020

0.1 kg

Lightening arrester module 400 W
Inline lightning protection module


PO-00024

0.1 kg

Lightening arrester module 1 Kw
Inline lightning protection module


Barrett P/ N	MSI P/N	Net Weight
PO-00021		0.01 kg

Lightening arrestor insert - 400 W

Insert pellets suitable for up to 400W RF Power



Lightening arrestor insert - 1Kw

PO-00022		0.01 kg
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Insert pellets suitable for up to 1KW RF Power

