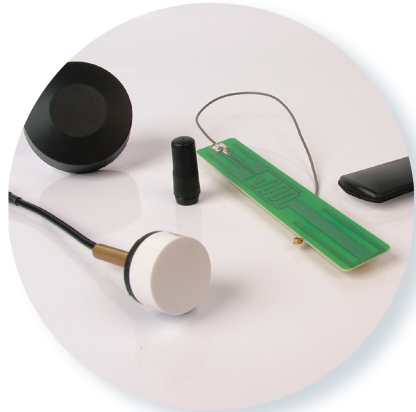


Siretta

Inspired Wireless M2M Technology



Antennas, RF Cables & Adaptors

airCONNECT Antenna Mounting Styles

Siretta antennas started as a necessity – they say that necessity is the mother of invention – so it was with Siretta and antennas. With many years of wireless knowledge and ‘know-how’ in designing Cellular and related wireless data modems and routers, having to add antennas proved difficult. It’s somewhat a black art and we found very few suppliers of antennas and those that there were did not know the ‘art’ and could not advise beyond their ‘odd’ part number and a long lead time. Consequently, we grasped the nettle ten years ago and set about ‘making life easier’ for us and our customers by designing our own and understanding the performance of them. That’s the history of our antenna range – probably the widest range – where the use and performance of each antennas is clear and with test figures to demonstrate. We have also created a part number system that describes each antenna accurately and is easily remembered.

‘An antenna is just a piece of wire....’ The notion that we find many people have is that an antenna is just a convenient sized piece of wire in air. We would love that to be the case, however the reality of wireless is that antennas have to conform to a set of physics suitable to the application that they are to be used in. It is the understanding of the physics of what is required in an antenna, coupled with the equipment it is to be used with, that needs careful consideration before the overall equipment design is done.

Why doesn’t my antenna work well?? - this is a very common question for us and as the ‘black art’ that it is the reasons could be manifold. But central to the question is generally a few considerations that will ensure the right type of antenna is used for the design – or modification of the design to accommodate the limitations or characteristics of the chosen antenna.

Our success in Antenna design and supply is the unbeatable combination of advising customers on antenna selection or customized antenna design and how to use them – and also offering volume supply via our distributors at an unbeatable price.



Customer Services

We want to talk to you about your antennas...

Technical and solution advice...

Whether you want to find out why your current antenna solutions is not working the way you think it should or to ask us about an antenna solution for a new project you are working on - **we welcome your call.**

Competitive products.....

Put us to the test on how competitive we are for our quality antennas and RF cables – **call us with your product requirement for a quote** – whether you want technical advice or not.

Antenna and RF cable hotline...

+44 (0)118 976 9014

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Our Most Popular Range of RF Extension Cables



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For more information contact:

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Our Most Popular Range of RF Connectors



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Our Most Popular Range of RF Adaptors

For more information contact:

+44 (0)118 976 9014

About airCONNECT Antennas

Siretta is the partner of choice when it comes to advice and supply of quality antenna systems and solutions. Our airCONNECT antenna solutions are tested for high performance and have proven endurance when used in service. All antennas can be customized to individual customer requirements

The airCONNECT range offers the largest range of high performance antennas operating at the widest range of frequencies - 2G, 3G, 4G, WiFi, GPS, Bluetooth, ISM.



For more information contact:

+44 (0)118 976 9014

airCONNECT Antenna Mounting Styles

To simplify selection and to aid identification we have organised our antennas into different physical mounting ranges and given them an easily remembered name:

ALPHA

Self-adhesive range of antennas, great for attaching anywhere you wish. Alpha antennas can be for inside mounting or external – open to the elements - mounting depending on actual type.

DELTA

Direct connect antennas with no cable. These can be miniature antennas to large knuckle jointed or flexi whip antennas but they all connect directly with your equipment.

ECHO

ECHO antennas are embedded types that are either placed on your PCB or within your equipment's enclosure. Mostly PCB or ceramic types.

MIKE

MIKE antennas have a magnetic base range and can be used for any temporary application or where 're-siting' the antenna is important.

OSCAR

OSCAR antennas are wall mounted or pole mounted external antennas and comprise omni, dipole and yagi types.

TANGO

TANGO antennas are through hole mounted antennas with a stud and nut, suitable for most external applications where an antenna has to be fitted to a panel or equipment box.

Within these ranges you will find different variations of antennas including sizing and frequencies. **See Antenna finder for frequency band way of selecting an antenna.** All of our antennas can be customized to fit your requirements, whether it is changing the connector type or increasing the length of cable or other element of the design – Siretta are here to help.

Antenna Finder

Alpha Range - Self Adhesive

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|----------|
| Alpha 1A  | • | • | | | | • | | 19 47 |
| Alpha 3A  | • | • | | | | • | | 19 47 |
| Alpha 4A  | | | | • | | | | 33 |
| Alpha 6  | • | | | • | | | • | 37 |
| Alpha 7  | • | | | • | | | • | 37 |
| Alpha 8  | • | • | | | • | | | 19 41 |
| Alpha 9  | • | | | • | | | • | 37 |
| Alpha 10  | | | | | | • | | 47 |
| Alpha 11  | • | • | | | • | | | 20 |
| Alpha 14  | • | • | | | • | | | 20 41 |
| Alpha 15  | • | • | | | • | | | 20 41 |

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|--------|
| Alpha 16  | | | | | | • | | 48 |
| Alpha 18  | • | • | | | | | | 21 |
| Alpha 19  | | | | • | | | | 33 |
| Alpha 20  | • | • | | | | | | 21 |
| Alpha 40  | • | • | • | | | | | 21 |

Delta Range - Direct Connect

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|----------|
| Delta 1A  | • | • | | | | | | 22 42 |
| Delta 1C  | • | | | | | | | 22 |
| Delta 2A  | • | • | | | | | | 22 42 |
| Delta 2C  | • | | | | | | | 23 |
| Delta 5  | | | | | • | | | 42 |


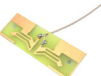


Antenna Finder

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|--|-----|------|-----|-----|-----|------|----------|--------|
| Delta 5A  | | | | | • | | | 43 |
| Delta 6A  | • | • | | | | | | 23 |
| Delta 6B  | | | | | | • | | 48 |
| Delta 6C  | | | | | | • | | 48 |
| Delta 7A  | | | | | | • | | 49 |
| Delta 7B  | • | • | | | | | | 23 |
| Delta 8A  | | | | | | • | | 49 |
| Delta 10A  | | | | | | • | | 49 |
| Delta 11  | | | | | • | | | 43 |
| Delta 12  | | | | | • | | | 43 |
| Delta 12A  | | | | | • | | | 44 |

Antenna Finder

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|--------|
| Delta 12B  | | | | | • | | | 44 |
| Delta 12C  | | | | | • | | | 44 |
| Delta 14  | | | | | | • | | 50 |
| Delta 15  | | | | | | • | | 50 |
| Delta 40  | • | • | • | | | | | 24 |
| Delta 41  | • | • | • | | | | | 24 |





Echo Range - Embedded

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|----------------|
| Echo 1A  | • | • | | | | | | 24 |
| Echo 2  | • | • | | | • | • | | 25 45 50 |
| Echo 5  | | | | • | | | | 33 |
| Echo 11  | | | | | | • | | 51 |






Antenna Finder

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|--|-----|------|-----|-----|-----|------|----------|----------|
| Echo 12  | • | • | | | | | | 25 |
| Echo 14  | • | • | • | | • | | | 25 45 |
| Echo 17  | | | | | | • | | 51 |
| Echo 18  | | | | | | • | | 51 |
| Echo 19  | | | | • | | | | 34 |
| Echo 26  | | | | • | | | | 34 |
| Echo 27  | | | | • | | | | 34 |
| Echo 28  | | | | | | • | | 52 |
| Echo 29  | | | | | | • | | 52 |
| Echo 30  | • | • | | | | | | 26 |
| Echo 32  | | | | • | | | | 35 |



Mike Range - Magnetic Mount

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|--|-----|------|-----|-----|-----|------|----------|--------|
| Mike 1A  | • | • | | | | | | 26 |
| Mike 1B  | • | | | | • | | | 45 |
| Mike 2A  | • | • | | | | | | 26 |
| Mike 3A  | | | | • | | | | 35 |

Oscar Range - Wall Mount

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|----------|
| Oscar 1A  | • | • | | | | | | 27 |
| Oscar 3A  | • | | | | | | | 27 |
| Oscar 17  | • | • | | | | | | 27 |
| Oscar 18  | • | • | | | | • | | 28 52 |
| Oscar 20  | • | • | • | | | | | 28 |

Antenna Finder

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|----------|
| Oscar 40  | • | • | • | | | • | | 28 53 |
| Oscar 41  | • | • | • | | | • | | 28 53 |

Tango Range - Through Hole

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|--|-----|------|-----|-----|-----|------|----------|--------|
| Tango 1  | • | • | | | | | | 29 |
| Tango 3  | • | • | | | | | | 29 |
| Tango 6A  | • | | | • | | | • | 38 |
| Tango 6B  | • | | | • | | • | • | 38 |
| Tango 11A  | • | • | | | | | | 30 |
| Tango 14  | • | • | | | | | | 30 |
| Tango 15  | • | | | • | | | • | 38 |
| Tango 16  | • | | | • | | | • | 39 |

Antenna Finder

| Antenna | GSM | UMTS | LTE | GPS | GNSS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|------|-----|------|----------|--------|
| Tango 17  | • | • | | | | | | | 30 |
| Tango 18  | • | • | | | | | | | 31 |
| Tango 19  | • | | | • | | | | • | 39 |
| Tango 20  | | | | • | | | | | 35 |
| Tango 20A  | | | | • | • | | | | 36 |
| Tango 21  | | | | • | | | | | 36 |
| Tango 22  | • | • | | • | | | • | • | 39 |
| Tango 23  | | | | | | | • | | 53 |
| Tango 24  | | | | | | | • | | 54 |
| Tango 25  | | | | | | | • | | 54 |
| Tango 25A  | | | | | | | • | | 54 |

Antenna Finder

| Antenna | GSM | UMTS | LTE | GPS | ISM | WiFi | Combined | Page/s |
|---|-----|------|-----|-----|-----|------|----------|--------|
| Tango 26  | | | | | | • | | 55 |
| Tango 27  | • | • | | | | | | 31 |
| Tango 33  | • | • | | | | | | 31 |
| Tango 34  | • | | | | | | | 32 |
| Tango 35  | | | | | | • | | 55 |
| Tango 40  | • | • | • | | | | | 32 |
| Tango 41  | • | • | • | | | | | 32 |
| Tango 43  | | | • | | | • | | 40 |
| Tango 44  | | | • | • | | • | | 40 |

Learn more about our antennas at
www.siretta.co.uk/antennas

or call us on

+44 (0)118 976 9014

Alpha 1A - T-Bar Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | 2 max |
| Polarization | Vertical |
| Size | 130 x 11 x 4mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 3A - Small Flat Blade Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2.15dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 75 x 25 x 2.5mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 8 - Flat Blade Antenna (IP67)

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 113 x 21 x 3mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

ADHESIVE



Cable length and connector as required

Alpha 11 - Flat Blade Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2.5dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 115 x 22 x 4mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 14 - Thin Plate Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2 |
| Polarization | Vertical |
| Size | 40 x 35.5 x 2mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 15 - Puck Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2.5:1 |
| Polarization | Vertical |
| Size | Ø71.5 x 14.5mm |
| Cable | RG174 |

Alpha 18 - Dipole Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | <2.0 |
| Polarization | Linear |
| Size | 96.2 x 21.5 x 9.2mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 20 - Flat Blade Antenna

| | |
|----------------|----------------------|
| Frequencies | 900, 1800MHz, 2.1GHz |
| Operating temp | -40 to +75°C |
| Impedance | 50 ohm |
| Gain | 3dB |
| VSWR | ≤1.5.1 |
| Polarization | Vertical |
| Size | 106 x 14.8 x 5mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 40 - T-Bar Antenna

| | |
|----------------|---|
| Frequencies | 1700, 1900MHz, 2.1, 2.6GHz |
| Operating temp | -30 to +60°C |
| Impedance | 50 ohm |
| Gain | 700 - 824MHz @ 0.5dBi / 1710 - 2170MHz @ 1dBi / 2300 - 2700MHz @ 2dBi |
| VSWR | ≤3.0 |
| Polarization | Vertical |
| Size | 155 x 30 x 4.5mm |
| Connector | PRO100 low loss |

ADHESIVE



Cable length and connector as required

DIRECT CONNECT



Delta 1A - Stubby Antenna

Frequencies 850, 900, 1800, 1900MHz, 2.1GHz
 Operating temp -30 to +75°C
 Impedance 50 ohm
 Gain 2dBi
 VSWR 2 max
 Polarization Vertical
 Size 56mm
 Connector SMA male

DIRECT CONNECT



Delta 1C - Stubby Antenna

Frequencies 850, 900, 1800, 1900MHz
 Operating temp -45 to +75°C
 Impedance 50 ohm
 Gain 2.16dBi
 VSWR <1.5 to 1.7:1
 Polarization Vertical
 Size 48 x 8mm
 Connector SMA male

DIRECT CONNECT



Delta 2A - Hinged Antenna

Frequencies 850, 900, 1800, 1900MHz, 2.1GHz
 Operating temp -30 to +75°C
 Impedance 50 ohm
 Gain 2dBi
 VSWR 2 max
 Polarization Vertical
 Size 53 x 7.3mm
 Connector SMA male

Delta 2C - Right Angle Stubby Antenna

| | |
|----------------|-------------------------|
| Frequencies | 850, 900, 1800, 1900MHz |
| Operating temp | -45 to +75°C |
| Impedance | 50 ohm |
| Gain | 2.15dB |
| VSWR | <1.5:1 to < 1.7:1 |
| Polarization | Vertical |
| Size | 45 x 8mm |
| Connector | SMA male / SMA male RP |

DIRECT CONNECT



Delta 6A - Hinged Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 6.8dB (peak) |
| VSWR | <2:1 |
| Polarization | Vertical |
| Size | 187.5 x 9.6mm |
| Connector | SMA male |

DIRECT CONNECT



Delta 7B - ¼ Wave Hinged Antenna

| | |
|----------------|-------------------------|
| Frequencies | 850, 900, 1800, 1900MHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 1dB |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 110 x 10mm |
| Connector | SMA male |

DIRECT CONNECT



DIRECT CONNECT



LTE

Delta 41 - Swivel Antenna

| | |
|----------------|---|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.6GHz |
| Operating temp | -20 to 65°C |
| Impedance | 50 ohm |
| Gain | 790 - 960MHz @ 0dBi / 1710 - 2170MHz @ 1dBi / 2500 - 2700MHz @ 3dBi |
| VSWR | ≤3.0 |
| Polarization | Vertical |
| Size | 161 x 22mm |
| Connector | SMA male |

DIRECT CONNECT



LTE

Delta 41 - Swivel Antenna

| | |
|----------------|--|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.6GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 689 - 960MHz @ 1dBi / 1710 - 2170 @ 2dBi / 2500 - 2700MHz @ 3dBi |
| VSWR | ≤3.0 |
| Polarization | Vertical |
| Size | 237 x 40mm |
| Connector | SMA male |

EMBEDDED



Cable length and connector as required

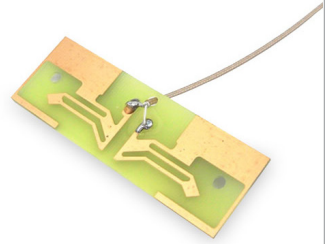
Echo 1A - PCB Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to 85°C |
| Impedance | 50 ohm |
| Gain | 3.66dB @ 2.1GHz |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 36 x 6 x 0.6mm |
| Cable | 1.13mm Coax |

Echo 2 - PCB Antenna

| | |
|----------------|---|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 75 x 25 x 1mm |
| Cable | 1.13mm Coax |

EMBEDDED



Cable length and connector as required

Echo 12 - PIFA Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -35 to +85°C |
| Impedance | 50 ohm |
| Gain | 0.67 to 5.25dB |
| VSWR | 3.0:1 max |
| Polarization | Linear |
| Size | 24 x 5.5 x 4.4mm |
| Connector | Solder |

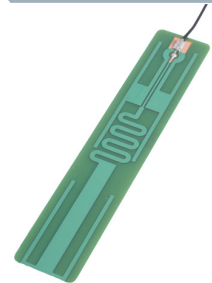
EMBEDDED



Echo 14 - PCB Antenna

| | |
|----------------|---|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1, 2.6GHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 0dBi |
| VSWR | 3.2:1 |
| Polarization | Vertical |
| Size | 20 x 105 x 1mm |
| Cable | 1.13mm Coax |

EMBEDDED



Cable length and connector as required

EMBEDDED



Cable length and connector as required

Echo 30 - PCB Antenna

- Frequencies 850, 900, 1800, 1900MHz, 2.1GHz
- Operating temp -40 to +85°C
- Impedance 50 ohm
- Gain 2dBi
- VSWR <3.0
- Polarization Linear
- Size 40 x 6.7 x 1.2mm
- Cable 1.13mm Coax

MAGNETIC MOUNT

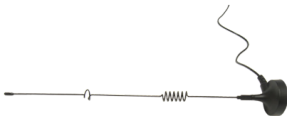


Cable length and connector as required

Mike 1A - 1/4 Wave Antenna

- Frequencies 850, 900, 1800, 1900, 2100MHz
- Operating temp -40 to +75°C
- Impedance 50 ohm
- Gain 5dBi
- VSWR <2:1
- Polarization Vertical
- Size 311mm
- Cable RG174

MAGNETIC MOUNT



Cable length and connector as required

Mike 2A - 1/2 Wave Antenna

- Frequencies 850, 900, 1800, 1900, 2100MHz
- Operating temp -40 to +75°C
- Impedance 50 ohm
- Gain 5dBi
- VSWR <2:1
- Polarization Vertical
- Size 311mm
- Cable RG174

Oscar 1A - Bracket Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -30 to +70°C |
| Impedance | 50 ohm |
| Gain | 5dBi |
| VSWR | <1.8:1 |
| Polarization | Vertical |
| Size | 151 x 3 x 284mm |
| Connector | TNC female |

WALL MOUNT

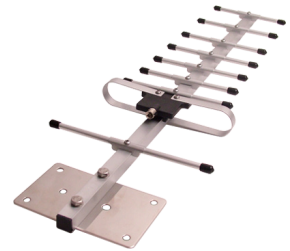


Cable length and connector as required

Oscar 3A - Yagi Antenna

| | |
|----------------|-------------------------|
| Frequencies | 850, 900, 1800, 1900MHz |
| Operating temp | -30 to +70°C |
| Impedance | 50 ohm |
| Gain | 12dBi |
| VSWR | <2:1 |
| Polarization | Vertical/Horizontal |
| Size | 170 x 35 x 147mm |
| Cable | RG58 |

WALL MOUNT



Cable length and connector as required

Oscar 17 - Omnidirectional Antenna

| | |
|----------------|----------------------------|
| Frequencies | 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +80°C |
| Impedance | 50 ohm |
| Gain | 10dBi |
| VSWR | <1.6 |
| Polarization | Linear Vertical |
| Size | ∅34 x 850mm |
| Connector | TNC female |

WALL MOUNT



Cable length and connector as required

WALL MOUNT



Cable length and connector as required

Oscar 18 - Yagi Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 10dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical/Horizontal |
| Size | 294 x 210 x 85mm |
| Connector | N-Type female |

WALL MOUNT



LTE

Cable length and connector as required

Oscar 20 - Yagi Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.6GHz |
| Operating temp | -30 to +70°C |
| Impedance | 50 ohm |
| Gain | 7 - 8dB |
| VSWR | 2.0:1 |
| Polarization | Vertical |
| Size | 170 x 35 x 147mm |
| Cable | RG58 |

WALL MOUNT



LTE

Cable length and connector as required

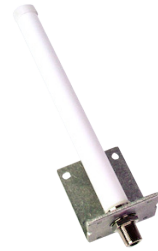
Oscar 40 - Omnidirectional Antenna

| | |
|----------------|---|
| Frequencies | 800 - 960 MHz, 1710MHz - 2.7GHz |
| Operating temp | |
| Impedance | 50 ohm |
| Gain | 800-960MHz @ 3dBi / 1710MHz - 2.7GHz @ 5.5dBi |
| VSWR | <1.5 |
| Polarization | Vertical, Linear |
| Size | 240 x 60mm |
| Cable | LMR195 |

Oscar 41 - Omnidirectional Antenna

| | |
|----------------|--|
| Frequencies | 790-862MHz, 1710 - 2170MHz, 2.3 - 2.7GHz |
| Operating temp | -30 to +60°C |
| Impedance | 50 ohm |
| Gain | 790-862MHz @ 1dBi / 1710 - 2170MHz @ 3dBi 2.3 - 2.7GHz @ 3dBi |
| VSWR | ≤3.0 |
| Polarization | Vertical |
| Size | ∅22 x 216mm |
| Connector | N-Type female |

WALL MOUNT



LTE

Cable length and connector as required

Tango 1 - Low Profile Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 95 x 42 x 17mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 3 - Bolt Through Antenna (IP60)

| | |
|----------------|----------------------------|
| Frequencies | 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | <2.1 |
| Polarization | Vertical |
| Size | 76 x 29mm |
| Cable | RG58 |

THROUGH HOLE



Cable length and connector as required

THROUGH HOLE



Cable length and connector as required

Tango 11A - Puck Antenna (IP67)

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | <1.8 |
| Polarization | Linear vertical |
| Size | ø80 x 23mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 14 - Low Profile Antenna (IP65)

| | |
|----------------|-------------------------|
| Frequencies | 850, 900, 1800, 1900MHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | ≤2 |
| Polarization | Vertical |
| Size | ø29 x 61mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 17 - Waterproof Antenna (IP67)

| | |
|----------------|-------------------------|
| Frequencies | 850, 900, 1800, 1900MHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | ≤2 |
| Polarization | Vertical |
| Size | ø29 x 61mm |
| Cable | RG174 |

Tango 18 - 1/2 Wave Antenna (IP67)

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 4dBi |
| VSWR | <1.8:1 |
| Polarization | Vertical |
| Size | 320mm |
| Cable | RG174 |



Tango 27 - Puck Antenna (IP67)

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -30 to +65°C |
| Impedance | 50 ohm |
| Gain | 2.16dBi |
| VSWR | ≤2 : 1 |
| Polarization | |
| Size | ∅46 x 15mm |
| Cable | RG174 |



Tango 33 - Hinged Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -45 to +75°C |
| Impedance | 50 ohm |
| Gain | 5dBi |
| VSWR | ≤2 |
| Polarization | Vertical |
| Size | 266mm |
| Cable | RG178 |



THROUGH HOLE



Cable length and connector as required

Tango 34 - Stubby Antenna

| | |
|----------------|-------------------------|
| Frequencies | 850, 900, 1800, 1900MHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | ≤2 |
| Polarization | Vertical |
| Size | ∅29 x 61mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 40 - Stubby Antenna (IP65)

| | |
|----------------|--|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 698 - 960MHz @ 1dBi / 1710 - 2170MHz @ 3dBi / 2300 - 2700MHz @ 5dBi |
| VSWR | ≤3.0 |
| Polarization | Vertical |
| Size | ∅39.8 x 77.9mm |
| Connector | N-type |

THROUGH HOLE



Cable length and connector as required

Tango 41 - Stubby Antenna

| | |
|----------------|---|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 698 - 960MHz @ 1dBi / 1710 - 2170 @ 3dBi / 2300 - 2700MHz @ 5dBi |
| VSWR | ≤3.0 |
| Polarization | Vertical |
| Size | ∅68 x 35mm |
| Cable | RG174 |

GPS / GLONASS

Alpha 4A - Active GPS Antenna (IP67)

| | |
|----------------|--------------------|
| Frequencies | 1575.42MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 26±2dB |
| VSWR | <1.5:1 |
| Polarization | RHCP |
| Size | 37.6 x 33.8 x 13mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 19 - Very Small GPS Antenna

| | |
|----------------|----------------|
| Frequency | 1575.42MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 26dB |
| VSWR | 1.5:1 |
| Polarization | RHCP |
| Size | 26 x 23 x 12mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Echo 5 - 13x13mm Active GPS Patch

| | |
|----------------|-------------------|
| Frequency | 1575.42MHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain (LNA) | 18dB |
| VSWR | 1.5:1 |
| Polarization | RHCP |
| Size | 13.4 x 13.4 x 8mm |
| Cable | 1.13mm Coax |

EMBEDDED



Cable length and connector as required

EMBEDDED

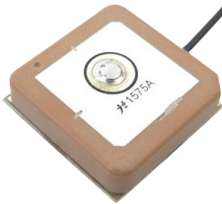


Cable length and connector as required

Echo 19 - 10x10mm Active GPS Patch

| | |
|----------------|-----------------|
| Frequencies | 1575.42MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 16dB |
| VSWR | 1.8:1 |
| Polarization | RHCP |
| Size | 10 x 10 x 6.2mm |
| Cable | 1.13mm Coax |

EMBEDDED

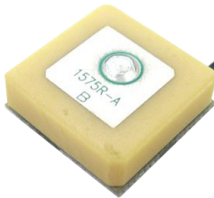


Cable length and connector as required

Echo 26 - 18.6 x 18.6mm Active GPS Patch

| | |
|----------------|---------------------------------------|
| Frequencies | 1575.42MHz (GLONASS option available) |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 28dB |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 18.6 x 18.6 x 7.5mm |
| Cable | 1.13mm Coax |

EMBEDDED



Cable length and connector as required

Echo 27 - 15 x 15mm Active GPS Patch

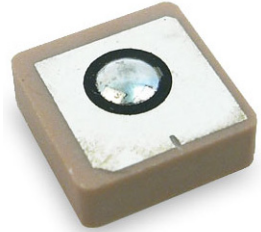
| | |
|----------------|-----------------|
| Frequencies | 1575.42MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 22dB |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 15 x 15 x 7.5mm |
| Cable | 1.13mm Coax |

GPS / GLONASS

Echo 32 - Passive GPS Patch Antenna

| | |
|----------------|---------------|
| Frequencies | 1575.42MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 4dBi |
| VSWR | <1.5:1 |
| Polarization | RH circular |
| Size | 18 x 18 x 4mm |
| Mounting | Embedded |

EMBEDDED



Mike 3A - Dual Mount GPS Antenna (IP67)

| | |
|----------------|----------------|
| Frequencies | 1575.42MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 28dB |
| VSWR | 2.0 max |
| Polarization | RHCP |
| Size | 47 x 35 x 17mm |
| Cable | RG174 |

MAGNETIC MOUNT



Cable length and connector as required

Tango 20 - Low Profile GPS Antenna (IP67)

| | |
|----------------|----------------|
| Frequencies | 1575.42MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain (LNA) | 28dB |
| VSWR | <1.5 |
| Polarization | RHCP |
| Size | ∅46.6 x 14.5mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

THROUGH HOLE



GPS &
GLONASS

Cable length and connector as required

Tango 20A - Low Profile GPS/Glonass (IP67)

| | |
|----------------|----------------|
| Frequencies | 1592 +- 3MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50ohm |
| Gain (LNA) | 28dB |
| VSWR | <2.0 |
| Polarization | RHCP |
| Size | ø46.6 x 14.5mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 21 - GPS Compact Patch Antenna

| | |
|----------------|----------------------|
| Frequencies | 1575.42 MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50ohm |
| Gain (LNA) | 28dB |
| VSWR | <2.0 |
| Polarization | RHCP |
| Size | 30.5 x 30.5 x 13.9mm |
| Cable | RG178 |

Combined GSM / GPS / WiFi

Alpha 6 - GSM/GPS Puck Antenna (IP68)

| | |
|----------------|----------------------------------|
| Frequencies | 850, 900, 1575.42, 1800, 1900MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GPS Gain (LNA) | 28dB |
| GSM Gain | 2dBi @ 900MHz / 1dBi @ 1800MHz |
| VSWR | 2.1 |
| Polarization | GPS - RHCP, GSM - Vertical |
| Size | Ø71 x 14mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 7 - GSM/GPS Puck Antenna

| | |
|----------------|----------------------------|
| Frequencies | 900, 1575.42, 1800MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GPS Gain (LNA) | 27dB |
| GSM Gain | 0dBi |
| VSWR | <2.0 : 1 |
| Polarization | GPS - RHCP, GSM - Vertical |
| Size | Ø50 x 17.5mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 9 - GSM/GPS Puck Antenna

| | |
|----------------|-----------------------|
| Frequencies | 900, 1575.42, 1800MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GPS Gain | 27dB (LNA) |
| GSM Gain | 2dBi |
| VSWR | 2.0 max |
| Polarization | RHCP |
| Size | Ø80 x 14mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

THROUGH HOLE



Cable length and connector as required

Tango 6A - GSM/GPS Antenna (IP66)

| | |
|-----------------------|----------------------------------|
| Frequencies | 850, 900, 1575.42, 1800, 1900MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | 2dBi @ 900MHz / 2dBi @ 1800MHz |
| GPS Gain | 28dB (LNA) |
| VSWR | 1.5:1 |
| Polarization | RHCP |
| Size | 88 x 53.8 x 62mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 6B - GSM/GPS/WiFi Antenna (IP66)

| | |
|-----------------------|--|
| Frequencies | 850, 900, 1575.42, 1800, 1900MHz, 2.4-2.5GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | GSM 2dBi / WiFi 2.15dBi |
| GPS Gain | GPS 28dB (LNA) |
| VSWR | 1.5:1 |
| Polarization | GSM - Vertical / GPS - RHCP |
| Size | 88 x 53.8 x 62mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 15 - GSM/GPS Antenna (IP65)

| | |
|-----------------------|--|
| Frequencies | 850, 900, 1575.42, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | 2.15dBi |
| GPS Gain | 25dBi (LNA) |
| VSWR | <2.0 : 1 |
| Polarization | GSM - Vertical / GPS - RHCP |
| Size | Ø94 x 15mm |
| Cable | RG174 |

Combined GSM / GPS / WiFi

Tango 16 - GSM/GPS Antenna (IP67)

| | |
|----------------|----------------------------------|
| Frequencies | 850, 900, 1575.42, 1800, 1900MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | GSM 2dBi, |
| GPS Gain | 28dBi (LNA) |
| VSWR | <1.5 |
| Polarization | GSM - Linear / GPS - RHCP |
| Size | Ø50 x 48mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 19 - GSM/GPS Antenna (IP67)

| | |
|----------------|----------------------------------|
| Frequencies | 850, 900, 1575.42, 1800, 1900MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | 2dBi @ 900MHz / 1dBi @ 1900MHz |
| Gain (LNA) | 28dBi |
| VSWR | GSM - 2.0 / GPS - 1.5:1 |
| Polarization | GSM - Vertical / GPS - RHCP |
| Size | Ø46 x 14.5mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 22 - GSM/GPS/WiFi Antenna (IP67)

| | |
|----------------|---|
| Frequencies | 850, 900, 1575.42, 1800, 1900MHz, 2.1, 2.4Ghz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | 2dBi / WiFi 0dBi |
| GPS Gain | 28dBi (LNA) |
| VSWR | GSM - 2.0 / GPS - 1.5 / WiFi - 2.0 |
| Polarization | GSM - Vertical / GPS - RHCP |
| Size | Ø80 x 15mm |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Combined GSM / GPS / WiFi

THROUGH HOLE



Cable length and connector as required

Tango 43 - LTE/WiFi Antenna (IP66)

| | |
|----------------|-----------------------------------|
| Frequencies | 1880 - 1900, 2400, 2575 - 2635MHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | 2dBi @ LTE |
| GPS Gain | 28dB (LNA) |
| VSWR | ≤1.5 |
| Polarization | RHCP |
| Size | ∅44 x 14.5mm |
| Cable | RG174 |

THROUGH HOLE



Coming soon!

Cable length and connector as required

Tango 44 - LTE/GPS/WiFi Antenna (IP66)

| | |
|----------------|--|
| Frequencies | 1575.42, 1800 - 1900, 2575 - 2634MHz, 2.4-2.5GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| GSM Gain | LTE 2dBi / WiFi 2.15dBi |
| GPS Gain | GPS 28dB (LNA) |
| VSWR | 1.5:1 |
| Polarization | LTE - Vertical / GPS - RHCP |
| Size | 88 x 53.8 x 62mm |
| Cable | RG174 |

ISM Bands

Alpha 8 - Blade Antenna (IP67)

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2:1 |
| Polarization | Vertical |
| Size | 113 x 21 x 3mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 14 - Thin Plate Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2 |
| Polarization | Vertical |
| Size | 40 x 35.5 x 2mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

Alpha 15 - Puck Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2.5:1 |
| Polarization | Vertical |
| Size | ø71.5 x 14.5mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

DIRECT CONNECT



Delta 1A - Stubby Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | 2 max |
| Polarization | Vertical |
| Size | 56mm |
| Connector | SMA male |

DIRECT CONNECT



Delta 2A - Right Angle Stubby Antenna

| | |
|----------------|---------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1GHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | 2 max |
| Polarization | Vertical |
| Size | 53 x 7.3mm |
| Connector | SMA male |

DIRECT CONNECT



Delta 5 - Flexi Antenna

| | |
|----------------|--------------|
| Frequencies | 868MHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | <2:1 |
| Polarization | Vertical |
| Size | 85mm |
| Connector | SMA male |

ISM Bands

Delta 5A - Flexi Antenna

| | |
|----------------|--------------|
| Frequencies | 868MHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | <2:1 |
| Polarization | Vertical |
| Size | 100mm |
| Connector | SMA male |

DIRECT CONNECT



Delta 11 - Flexi Antenna

| | |
|----------------|---------------|
| Frequencies | 433MHz |
| Operating temp | -40 to +75°C |
| Impedance | 50 ohm |
| Gain | 2,15dB |
| VSWR | <2,0 : 1 |
| Polarization | Vertical |
| Size | 90,2 x 11,8mm |
| Conector | SMA Male |

DIRECT CONNECT



Delta 12 - 151/173MHz Whip Antenna

| | |
|----------------|--------------------|
| Frequencies | 151/173MHz |
| Operating temp | -30 to +75°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | ≤2,0:1 |
| Polarization | Vertical |
| Size | 130mm |
| Connector | SMA male, BNC male |

DIRECT CONNECT



DIRECT CONNECT



Delta 12A - 453/458MHz Whip Antenna

Frequencies 433/458MHz
 Operating temp -30 to +75°C
 Impedance 50 ohm
 Gain 3dBi
 VSWR $\leq 2.0:1$
 Polarization Vertical
 Size 130mm
 Connector SMA male, BNC male

DIRECT CONNECT



Delta 12B - 869MHz Whip Antenna

Frequencies 869MHz
 Operating temp -30 to +75°C
 Impedance 50 ohm
 Gain 3dBi
 VSWR $\leq 2.0:1$
 Polarization Vertical
 Size 130mm
 Connector SMA male / BNC male

DIRECT CONNECT



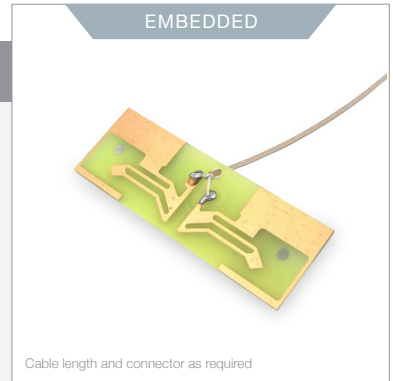
Delta 12C - 915MHz Whip Antenna

Frequencies 915MHz
 Operating temp -30 to +75°C
 Impedance 50 ohm
 Gain 3dBi
 VSWR $\leq 2.0:1$
 Polarization Vertical
 Size 130mm
 Connector SMA male, BNC male

ISM Bands

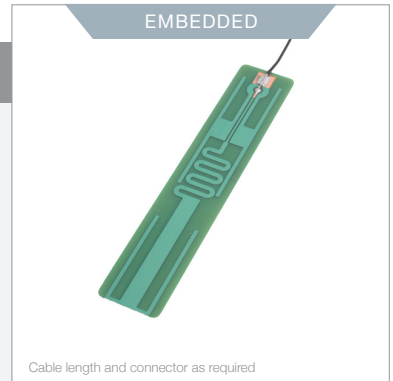
Echo 2 - PCB Antenna

| | |
|----------------|---|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 75 x 25 x 1mm |
| Cable | 1.13mm Coax |



Echo 14 - PCB Antenna

| | |
|----------------|---|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1, 2.6GHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 0dBi |
| VSWR | 3.2:1 |
| Polarization | Vertical |
| Size | 20 x 105 x 1mm |
| Cable | 1.13mm |



Mike 1B - 1/4 Wave Antenna

| | |
|----------------|------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz |
| Operating temp | -45 to +75°C |
| Impedance | 50 ohm |
| Gain | 3.5dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 95 x 30mm |
| Cable | RG174 |



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WiFi / Bluetooth

Alpha 1A - T-Bar Antenna

| | |
|----------------|---|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 75 x 25 x 1mm |
| Cable | 1.13mm Coax |

ADHESIVE



Cable length and connector as required

Alpha 3A - Small Flat Blade Antenna

| | |
|----------------|---|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1, 2.6GHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 0dBi |
| VSWR | 3.2:1 |
| Polarization | Vertical |
| Size | 20 x 105 x 1mm |
| Cable | 1.13mm |

ADHESIVE



Cable length and connector as required

Alpha 10 - Blade Antenna

| | |
|----------------|------------------------------|
| Frequencies | 850, 868, 900, 1800, 1900MHz |
| Operating temp | -45 to +75°C |
| Impedance | 50 ohm |
| Gain | 3.5dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 95 x 30mm |
| Cable | RG174 |

ADHESIVE



Cable length and connector as required

ADHESIVE



Cable length and connector as required

Alpha 16 - Thin Plate Antenna

| | |
|----------------|-------------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -40 to +60°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 35.5 x 39.9 x 2mm |
| Cable | RG174 |

DIRECT CONNECT



Delta 6B - Hinged Antenna

| | |
|----------------|------------------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 5dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 196 x 12.5mm |
| Connector | SMA male / SMA male RP |

DIRECT CONNECT



Delta 6C - Hinged Antenna

| | |
|----------------|------------------------|
| Frequencies | 2.4, 5.8GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 5dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 196 x 12.5mm |
| Connector | SMA male / SMA male RP |

WiFi / Bluetooth

Delta 7A - Hinged Antenna

| | |
|----------------|------------------------|
| Frequencies | 2.4, 5.8GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 1.5 - 2.1dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 110 x 10mm |
| Connector | SMA male / SMA male RP |

DIRECT CONNECT



Delta 8A - Stubby Antenna

| | |
|----------------|------------------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 0dBi |
| VSWR | <2:1 |
| Polarization | Vertical |
| Size | 27mm |
| Connector | SMA male / SMA male RP |

DIRECT CONNECT



Delta 10A - Stubby Antenna

| | |
|----------------|------------------------|
| Frequencies | 2.4GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | 2.0 |
| Polarization | Vertical |
| Size | 63 x 13.5mm |
| Connector | SMA male / SMA male RP |

DIRECT CONNECT



DIRECT CONNECT



Delta 14 - Stubby Antenna

| | |
|----------------|--------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 56mm |
| Connector | SMA male RP |

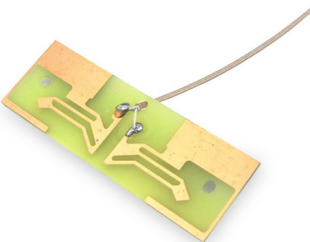
DIRECT CONNECT



Delta 15 - Right Angle Stubby Antenna

| | |
|----------------|--------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | 53.5mm |
| Connector | SMA male RP |

EMBEDDED



Cable length and connector as required

Echo 2 - PCB Antenna

| | |
|----------------|---|
| Frequencies | 850, 868, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | 75 x 25 x 1mm |
| Cable | 1.13mm Coax |

WiFi / Bluetooth

Echo 11 - PCB Antenna

| | |
|----------------|---------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -20 to +65°C |
| Impedance | 50 ohm |
| Gain | 2.6dBi |
| VSWR | <1.6:1 |
| Polarization | Vertical |
| Size | 45 x 10 x 1mm |
| Cable | 1.13mm Coax |

EMBEDDED

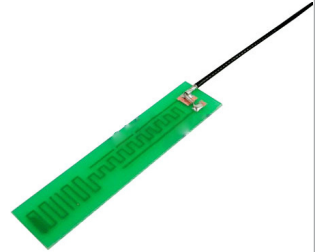


Cable length and connector as required

Echo 17 - PCB Antenna

| | |
|----------------|-----------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 2.6dBi |
| VSWR | 2.0 : 1 |
| Polarization | Vertical |
| Size | 45 x 10 x 0.6mm |
| Cable | 1.13mm Coax |

EMBEDDED



Cable length and connector as required

Echo 18 - PCB Antenna

| | |
|----------------|--------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -20 to +60°C |
| Impedance | 50 ohm |
| Gain | 2.6dBi |
| VSWR | 2.0:1 |
| Polarization | Vertical |
| Size | 37 x 0.6mm |
| Cable | 1.13mm Coax |

EMBEDDED



Cable length and connector as required

EMBEDDED

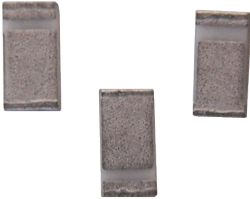


Cable length and connector as required

Echo 28 - Circuit Board Antenna

| | |
|----------------|-------------------|
| Frequencies | 2.4GHz |
| Operating temp | -10 to +60°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | 1.92:1 max |
| Polarization | Linear / Vertical |
| Size | 31 x 28.5 x 0.1mm |
| Cable | 1.13mm Coax |

EMBEDDED



Echo 29 - Micro Embedded Chip Antenna

| | |
|----------------|-------------------|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | |
| Impedance | 50 ohm |
| Gain | 2.85 - 3.39dBi |
| VSWR | 3.0:1 max |
| Polarization | Linear |
| Size | 3.2 x 1.6 x 0.5mm |
| Connector | Solder |

WALL MOUNT



Cable length and connector as required

Oscar 18 - Yagi Antenna

| | |
|----------------|--------------------------------------|
| Frequencies | 850, 900, 1800, 1900MHz, 2.1, 2.4GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 10dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical/Horizontal |
| Size | 294 x 210 x 85mm |
| Connector | N-Type female |

WiFi / Bluetooth

Oscar 40 - Omnidirectional Antenna

| | |
|----------------|---|
| Frequencies | 800 - 960 MHz, 1710MHz - 2.7GHz |
| Operating temp | |
| Impedance | 50 ohm |
| Gain | 800-960MHz @ 3dBi / 1710MHz - 2.7GHz @ 5.5dBi |
| VSWR | <1.5 |
| Polarization | Vertical, Linear |
| Size | 240 x 60mm |
| Cable | LMR195 |

WALL MOUNT



LTE

Cable length and connector as required

Oscar 41 - Omnidirectional Antenna

| | |
|----------------|--|
| Frequencies | 790-862MHz, 1710 - 2170MHz, 2.3 - 2.7GHz |
| Operating temp | |
| Impedance | |
| Gain | 790-862MHz @ 1dBi / 1710 - 2170MHz @ 3dBi 2.3 - 2.7GHz @ 3dBi |
| VSWR | |
| Polarization | |
| Size | ∅22 x 216mm |
| Connector | N-Type female |

WALL MOUNT



LTE

Cable length and connector as required

Tango 23 - 2.4/5.8GHz WiFi Antenna (IP67)

| | |
|----------------|---|
| Frequencies | 2.4 - 2.5GHz, 5.1 - 5.8GHz |
| Operating temp | -40 to +85°C |
| Impedance | 50 ohm |
| Gain | 3dBi @ 2.4GHz; 5dBi @ 5GHz |
| VSWR | <1.7:1 |
| Polarization | Vertical |
| Size | ∅80 x 23mm (not including screw thread) |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

THROUGH HOLE



Cable length and connector as required

Tango 24 - Puck Antenna (IP67)

| | |
|----------------|---|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -30 to +60°C |
| Impedance | 50 ohm |
| Gain | 3dBi |
| VSWR | <1.5:1 |
| Polarization | Vertical |
| Size | Ø40 x 15mm (not including screw thread) |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 25 - Miniature Antenna (IP65)

| | |
|----------------|---|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -30 to +60°C |
| Impedance | 50 ohm |
| Gain | 2dBi |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | Ø22 x 22mm (not including screw thread) |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 25A - Miniature Antenna (IP65)

| | |
|----------------|---|
| Frequencies | 2.4 - 2.5GHz, 5.1 - 5.8GHz |
| Operating temp | -30 to +60°C |
| Impedance | 50 ohm |
| Gain | 2dBi @ 2.4GHz / 5dBi @ 5GHz |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | Ø22 x 22mm (not including screw thread) |
| Cable | RG174 |

WiFi / Bluetooth

Tango 26 - Miniature Antenna (IP65)

| | |
|----------------|--|
| Frequencies | 2.4 - 2.5GHz |
| Operating temp | -30 to +60°C |
| Impedance | 50 ohm |
| Gain | 0.5dBi @ 2.4GHz |
| VSWR | <2.0:1 |
| Polarization | Vertical |
| Size | ∅22.3 x 14.75mm (not including screw thread) |
| Cable | RG174 |

THROUGH HOLE



Cable length and connector as required

Tango 35 - Bolt Antenna

| | |
|----------------|---------------------|
| Frequencies | 2.4 - 2.4835GHz |
| Operating temp | -30 to +60°C |
| Impedance | 50 ohm |
| Gain | 5dBi |
| VSWR | ≤2.0 |
| Polarization | Vertical / Circular |
| Size | ∅95 x 55mm |
| Cable | PRO100 |

THROUGH HOLE



Cable length and connector as required

Learn more about our antennas at
www.siretta.co.uk/antennas

or call us on

+44 (0)118 976 9014

About RF Cables

Siretta RF cable assemblies are generally used as an adaptor to connect two devices in RF signal transmission – typically a wireless module and antenna.

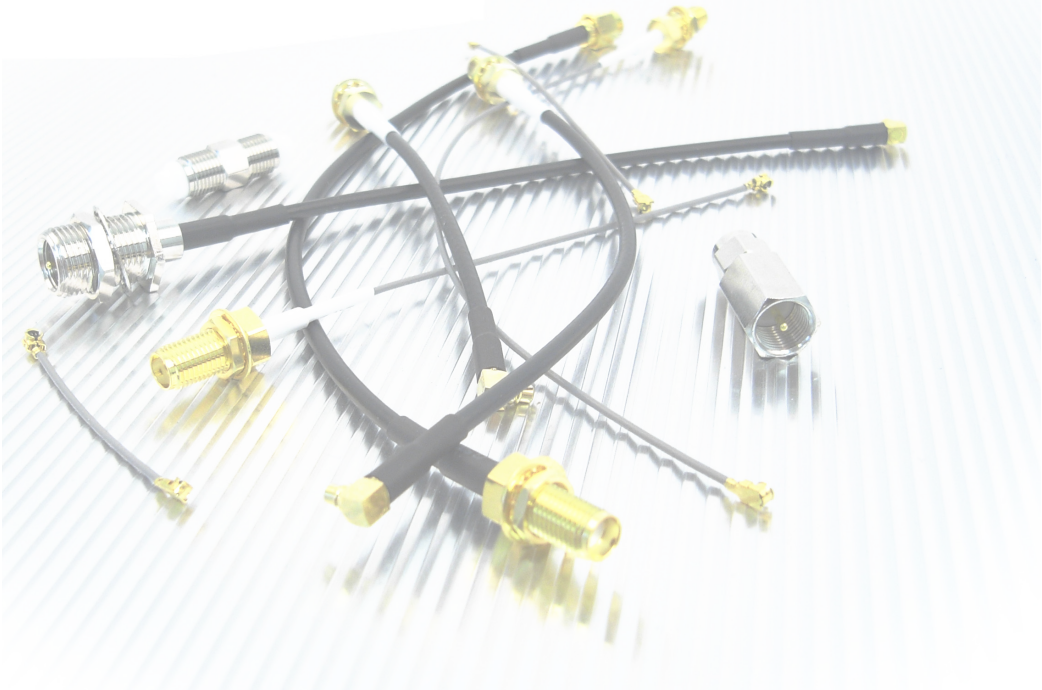
Custom cable assemblies in 10 days

Siretta is the top RF cable assembly manufacturer in the UK. We have several standard RF cable types and variations in stock. In just 10 days, we can assemble your customised requests and/or design a cable suited for your application.

Meeting our customers needs

For custom cables we will make a price quotation and after the price has been approved by you, we will provide technical drawings for your approval.

Each RF cable assembly is 100% signal continuity tested in process and at completion. Our on-going quality control inspection guarantees every customer will receive the ultimate in quality cables.



RF Internal Cables

Our Most Popular Range of RF Internal Cables

Our internal RF cables are available in all cable styles as shown in the table on page 66.

Some internal cables are more popular than others. The popular styles we strive to have high availability on and we are continuously manufacturing them. Other combinations are less popular but can be made quickly with low minimum order quantities.

WE ONLY SUPPLY QUALITY CONNECTORS AND CABLES WITH ASSEMBLY TO MATCH AND AT A GREAT PRICE POINT.



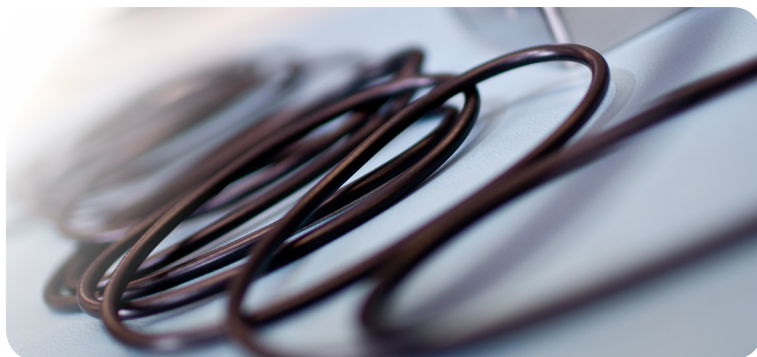
RF Internal Cables

| Connector A | Connector B | Cable Type | Cable Length | Part No |
|--|---------------------|-------------|----------------------------------|--|
|  | SMA Female Bulkhead | 0.81mm coax | 100mm 150mm 200mm | ASMI010X081S11 ASMI015X081S11 ASMI020X081S11 |
|  | FME Male Bulkhead | 0.81mm coax | 100mm 150mm 200mm | ASMI010Y081S11 ASMI015Y081S11 ASMI020Y081S11 |
|  | GSC / MCF | 0.81mm coax | 50mm 100mm 150mm | ASMI010I081S11 ASMI015I081S11 ASMI005I081S11 |
|  | SMA Female Bulkhead | 1.13mm coax | 100mm 150mm 200mm 300mm | ASMG010X113S11 ASMG015X113S11 ASMG020X113S11 ASMG030X113S11 |
|  | uFL / IPEX | 1.13mm coax | 50mm 100mm 150mm | ASMG010G113S11 ASMG015G113S11 ASMG005G113S11 |
|  | SMA Female Bulkhead | RG174 | 100mm 150mm 200mm 250mm | ASMK010X174S11 ASMK015X174S11 ASMK020X174S11 ASMK025X174S11 |

RF Extension Cables

RG58 and RG174 Standard and Low Loss Versions

At Siretta we have produced a collection of off-the-shelf or short delivery RF extension cables in RG174 and RG58 standard and low-loss cable styles. These are high quality cables made to a high standard using quality components. Availability, quality and a great price point is the philosophy of Siretta RF cables.

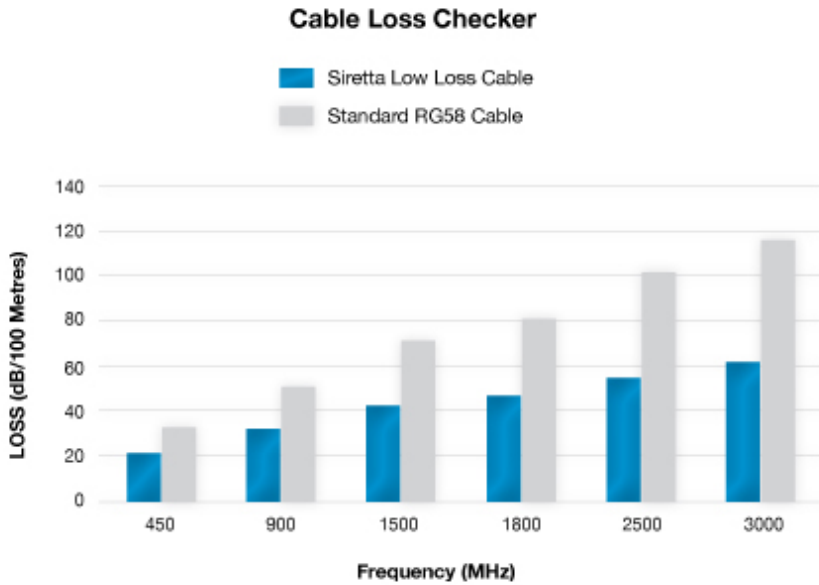


Extension cables are suitable for either direct connection to antennas that feature a pigtail and connector output - such as the Oscar range - or for extending existing cable runs to a longer distance.

Our cables assemblies utilise RG58 and RG174 cables, with a choice of SMA, FME, TNC and N-Type popular connector types. Standard cable lengths offered are 3m, 5m and 10m, although consideration should be given to minimising the overall cable length wherever possible to minimise losses. This is especially important in locations with limited reception.

Please also review our low loss RF cables as we have the same philosophy of quality, availability and a great price point for this range too.

The Siretta cable loss checker shows the difference in frequency loss between low loss cables, and standard RG58 cables.









Low Loss LLC100A Extension Cables (RG174 replacement)

| Connector A | Connector B | Cable Length | Part No | High Stock Availability |
|-------------|-------------|--------------|-----------------|-------------------------|
| SMA Male | SMA Female | 3m | ASMA300B174L13 | ✓ |
| | | 5m | ASMA500B174L13 | ✓ |
| | | 10m | ASMA1000B174L13 | |
| SMA Male | FME Female | 3m | ASMA300F174L13 | ✓ |
| | | 5m | ASMA500F174L13 | ✓ |
| | | 10m | ASMA1000F174L13 | |
| SMA Male | MCX Male | 3m | ASMA300T174L13 | |
| | | 5m | ASMA500T174L13 | |
| | | 10m | ASMA1000T174L13 | |
| SMA Male | MMCX Male | 3m | ASMA300L174L13 | |
| | | 5m | ASMA500L174L13 | |
| | | 10m | ASMA1000L174L13 | |
| FME Male | MCX Male | 3m | ASME300T174L13 | |
| | | 5m | ASME500T174L13 | |
| | | 10m | ASME1000T174L13 | |
| FME Female | FME Male | 3m | ASMF300E174L13 | ✓ |
| | | 5m | ASMF500E174L13 | ✓ |
| | | 10m | ASMF1000E174L13 | |
| FME Female | MCX Male | 3m | ASMF300T174L13 | |
| | | 5m | ASMF500T174L13 | |
| | | 10m | ASMF1000T174L13 | |



Low Loss LLC200A Extension Cables (RG58 replacement)







| Connector A | Connector B | Cable Length | Part No | High Stock Availability |
|--|-------------|--------------|------------------|-------------------------|
|  | SMA Female | 3m | ASMA300B058L13 | |
| | | 5m | ASMA500B058L13 | |
| | | 10m | ASMA1000B058L13 | |
| | | 15m | ASMA1500B058L13 | |
| | | 20m | ASMA2000B058L13 | |
|  | FME Female | 3m | ASMA300F058L13 | |
| | | 5m | ASMA500F058L13 | |
| | | 10m | ASMA1000F058L13 | |
| | | 15m | ASMA1500F058L13 | |
| | | 20m | ASMA2000F058L13 | |
|  | N-Type Male | 3m | ASMA300R058L13 | |
| | | 5m | ASMA500R058L13 | |
| | | 10m | ASMA1000R058L13 | |
| | | 15m | ASMA1500R058L13 | |
| | | 20m | ASMA2000R058L13 | |
|  | FME Female | 3m | ASME300F058L13 | |
| | | 5m | ASME500F058L13 | |
| | | 10m | ASME1000F058L13 | |
| | | 15m | ASME1500F058L13 | |
| | | 20m | ASME2000F058L13 | |
|  | SMA Male | 3m | ASMZG300A058L13 | |
| | | 5m | ASMZG500A058L13 | |
| | | 10m | ASMZG1000A058L13 | |
| | | 15m | ASMZG1500A058L13 | |
| | | 20m | ASMZG2000A058L13 | |
|  | FME Female | 3m | ASMZG300F058L13 | |
| | | 5m | ASMZG500F058L13 | |
| | | 10m | ASMZG1000F058L13 | |
| | | 15m | ASMZG1500F058L13 | |
| | | 20m | ASMZG2000F058L13 | |

RG174 Extension Cables

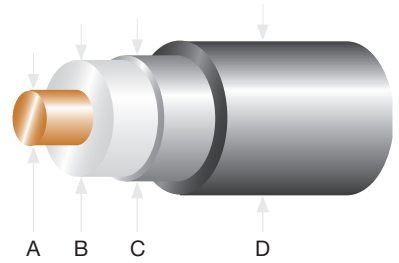
| Connector A | Connector B | Cable Length | Part No | High Stock Availability |
|-------------|-------------|--------------|----------------|-------------------------|
| SMA Male | SMA Female | 0.5m | ASMA050B174S13 | |
| | | 1m | ASMA100B174S13 | ✓ |
| | | 3m | ASMA300B174S13 | ✓ |
| SMA Male | FME Female | 0.5m | ASMA050F174S13 | |
| | | 1m | ASMA100F174S13 | ✓ |
| | | 3m | ASMA300F174S13 | ✓ |
| SMA Male | MCX Male | 0.5m | ASMA050T174S13 | |
| | | 1m | ASMA100T174S13 | |
| | | 3m | ASMA300T174S13 | |
| SMA Male | MMCX Male | 0.5m | ASMA050L174S13 | |
| | | 1m | ASMA100L174S13 | |
| | | 3m | ASMA300L174S13 | |
| FME Male | MCX Male | 0.5m | ASME050T174S13 | |
| | | 1m | ASME100T174S13 | |
| | | 3m | ASME300T174S13 | |
| FME Female | FME Male | 0.5m | ASMF050E174S13 | |
| | | 1m | ASMF100E174S13 | ✓ |
| | | 3m | ASMF300E174S13 | ✓ |
| FME Female | MCX Male | 0.5m | ASMF050T174S13 | |
| | | 1m | ASMF100T174S13 | |
| | | 3m | ASMF300T174S13 | |



RG58 Extension Cables

| Connector A | Connector B | Cable Length | Part No | High Stock Availability |
|--|-------------|--------------|------------------|-------------------------|
|  | SMA Female | 3m | ASMA300B058S13 | ✓ |
| | | 5m | ASMA500B058S13 | |
|  | FME Female | 3m | ASMA300F058S13 | ✓ |
| | | 5m | ASMA500F058S13 | |
|  | N-Type Male | 3m | ASMA300R058S13 | ✓ |
| | | 5m | ASMA500R058S13 | |
|  | FME Female | 3m | ASME300F058S13 | |
| | | 5m | ASME500F058S13 | |
|  | SMA Male | 3m | ASMZG300A058S13 | ✓ |
| | | 5m | ASMZG500A058S13 | ✓ |
| | | 10m | ASMZG1000A058S13 | |
|  | FME Female | 3m | ASMZG300F058S13 | ✓ |
| | | 5m | ASMZG500F058S13 | |

RF Cables Sizes



| Cable Type | Connector types | Min Bend Radius | Dimensions (mm) | | | | Insulator Material |
|------------|--|-----------------|-----------------|-------------|----------|----------|--------------------|
| | | | A Core | B Insulator | C Shield | D Jacket | |
| 0.81mm | u.FL, IPEX, MHF2, GSC, HSSC | 3.24 | 0.15 | 0.4 | 0.65 | 0.81 | PFA |
| 1.13mm | u.FL, GSC, IPEX, SMA, FME, SMB, TNC, TNX, MMCX | 4.5 | 0.24 | 0.68 | 0.9 | 1.13 | FEP |
| 1.13mm * | u.FL, GSC, IPEX, SMA, FME, SMB, TNC, TNX, MMCX | 4.5 | 0.22 | 0.7 | | 1.13 | FEP |
| 1.32mm | IPEX, GSC, SMA, FME, SMB, TNC, MCX, MMCX | | 0.22 | 0.7 | | 1.32 | FEP |
| 1.37mm | u.FL, IPEX, GSC, SMA, FME, SMB, TNC, MCX, MMCX | 9 | 0.32 | 0.92 | | 1.37 | FEP |
| 1.48mm | HFL, IPEX, GSC, SMA, MMCX, MCA, SMB, FME | 9 | 0.31 | 0.86 | | 1.48 | FEP |
| RG178 | IPEX, MHF, MMCX, MCX, SSMB, SMA, FME | 9 | 0.31 | 0.86 | | 1.8 | FEP |
| RG316 | MMCX, SMA, FME, SMB | | 0.53 | 1.53 | | 2.53 | FEP |
| RG174 | SMA, SMB, MMCX, MCX, FME, TNC, BNC | 10.5 | 0.48 | 1.55 | | 2.7 | XLPE |
| RG42 | SMA | 10 | 0.94 | 2.95 | | 3.06 | Solid PTFE |
| RG58 | SMA, SMB, BNC, TNC, UHF, N | 20 | 19 x 0.18 | 2.95 | | 4.95 | PE |

Low Loss Cables

| | | | | | | | |
|---------|------------------------------------|-----|------|------|------|------|----------|
| LLC100A | SMA, SMB, MMCX, MCX, FME, TNC, BNC | 6.4 | 0.46 | 1.52 | 2.11 | 2.79 | Solid PE |
| LLC200A | SMA, SMB, BNC, TNC, UHF, N | 20 | 10.2 | 2.9 | 3.4 | 5 | Foam PE |
| RG213 | N-type | | 2.3 | 7.24 | | 10.3 | PE |

| | |
|------|--|
| PFA | Cross linked poly ethylene |
| FEP | Fluorinated ethylene propylene - similar to PTFE but flexy - much higher temp before melting |
| PFA | Perfluoroalkoxy - similar to PTFE but flex |
| PE | Polyethylene |
| PVC | Poly Vinyl Chloride |
| PTFE | Polytetrafluoroethylene |

u.FL, IPEX and GSC connectors:

| | |
|------|--|
| u.FL | Four types depending on cable size. |
| IPEX | There are 4 sizes - MHF, MHF2, MHF3, MHF4 (smallest). Dictated by cable size. Std is MHF 2.5mm height. |
| GSC | Only one size. |

Check small connector guide details

| Jacket Material | Loss dB/M @ 2GHz | Frequency Range | Comments |
|-----------------|------------------|-----------------|---|
| PFA | 4.4 | to 6GHz | Internal antenna pigtails |
| FEP | 3.2 | to 6GHz | Most popular cable for internal use. Internal antenna pigtails, internal to bulkhead connector cable. |
| FEP | 2.2 | to 6GHz | * Low loss version of the standard 1.13mm |
| FEP | 2.8 | to 6GHz | |
| FEP | 2.4 @2.5GHz | to 6GHz | Has same size conductor as 1.48mm and RG178 cable, but smaller overall diameter, similar cable loss but more flexible in limited space. |
| FEP | | to 6GHz | 1.48mm is the most popular thin RF coaxial cable. |
| FEP | 2.6 @1.8GHz | to 6GHz | |
| FEP | 2.06 @2.4GHz | to 3GHz | Used internally instead of RG174. RG136 can go high temp and is more flexible. |
| PVC | 1.175 @1GHz | to 6GHz | This is the most popular cable for GPS and GSM antennas. Low temp spec. |
| N/A | 0.58 | to 6GHz | Outer jacket - tin soaked braid. Semi rigid cable |
| PVC | 1.06 @2.4GHz | to 6GHz | Standard RF cable for outside use. |

| | | | |
|-----|--------------|---------|--|
| PVC | 1.15 | to 6GHz | Low loss version of RG174 and much more flexible |
| PVC | 0.15 @200MHz | to 6GHz | *Low loss version of the standard RG58. |
| PVC | 0.25 @900MHz | to 6GHz | Low loss cable for the base station industry. |

Learn more about our cables at
www.siretta.co.uk/cableselector

or call us on
+44 (0)118 976 9014

About RF Connectors and Adaptors

We have a range of high quality connector and adaptor products suitable for the production of new cable assemblies, the re-termination of existing cables, or for providing compatibility to existing cables or equipment.

RF Adaptors

Adaptors are suitable for extending or joining cable runs or equipment terminated with alternative connector types, avoiding the need to re-terminate or change the existing installation. Adaptors may be used either as a temporary solution to provide compatibility, or for permanent installation into a working system.

RF Connectors

Connector products are offered in the popular SMA, FME and MMCX styles for RG58 and RG174 cable types. All connectors are designed for crimp termination ensuring a reliable and high performance connection for a variety of wireless applications.



For more information contact:
+44 (0)118 976 9014

RF Connectors

Our Most Popular Range of RF Connectors

| | RG174 | RG58 |
|---------------------|---|---|
| SMA Male & RP Crimp |  |  |
| SMA Female Crimp |  |  |
| MMCX RA Crimp |  | - |
| FME Female Crimp |  |  |
| FME Male Crimp |  |  |

RF Adaptors

Our Most Popular Range of RF Adaptors



| Connector A | Connector B | Part No |
|-------------|---------------|--------------------|
| SMA Male | SMA Male | ADAPT/SMAM/SMAM |
| SMA Male | SMA Female | ADAPT/SMAM/SMAF |
| SMA Male | SMA Male RP | ADAPT/SMAM/SMAM/RP |
| SMA Male | SMA Female RP | ADAPT/SMAM/SMAF/RP |
| SMA Male | SMA Female RA | ADAPT/SMAM/SMAF/RA |
| SMA Female | SMA Female | ADAPT/SMAF/SMAF |
| SMA Female | SMA Male RP | ADAPT/SMAF/SMAM/RP |



| Connector A | Connector B | Part No |
|-------------|---------------|--------------------|
| SMA Female | SMA Female RP | ADAPT/SMAF/SMAF/RP |
| SMA Female | TNC Male | ADAPT/SMAF/TNCM |
| FME Male | SMA Male | ADAPT/FMEM/SMAM |
| FME Male | SMA Female | ADAPT/FMEM/SMAF |
| FME Male | FME Male | ADAPT/FMEM/FMEM |
| FME Male | FME Female | ADAPT/FMEM/FMEF |
| FME Male | TNC Male | ADAPT/FMEM/TNCM |
| FME Female | SMA Male | ADAPT/FMEF/SMAM |
| FME Female | SMA Female | ADAPT/FMEF/SMAF |



| Connector A | Connector B | Part No |
|-------------|-------------|--------------------|
| FME Female | FME Female | ADAPT/FMEF/FMEF |
| SMB Male | SMA Female | ADAPT/SMBM/SMAF |
| MMCX Male | SMA Female | ADAPT/MMCXM/SMAF |
| MMCX Female | SMA Male | ADAPT/MMCXF/SMAM |
| MCX Male | FME Male | ADAPT/MCXM/FMEM |
| MCX Female | SMA Male | ADAPT/MCXF/SMAM |
| MCX Female | FME Male | ADAPT/MCXF/FMEM |
| N-Type Male | SMA Female | ADAPT/N-TYPEM/SMAF |

Learn more about our connectors at
www.siretta.co.uk/rfconnectors

Learn more about our adaptors at
www.siretta.co.uk/rfadaptors

or call us on

+44 (0)118 976 9014

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