

# SOLO - Accessories

COFDM – Video, Audio Telemetry and IP Products

# COBHAM

June 2011 Data Sheet

The most important thing we build is trust

## Cobham Down Converters

All Cobham receivers operating at frequencies above 850MHz require a down converter. Cobham block down converters sit in line between the antenna and the receiver, and draw power remotely from the receiver. Down converters are supplied in high and low gain variants and this dictates how much cable they can drive (typically 10-15m for the low gain and 50-100m for high gain.) For precise cable run length calculations contact Cobham. Cobham down converters offer excellent low noise performance, and are designed for permanent outdoor deployment, a variety of mounting kits are available. A separate data sheet is available on request for those users requiring detailed information regarding, noise performance, gain or LO frequencies.



### Cobham Barrel Down-converter

The Cobham barrel down-converter is designed for permanent outdoor installations on the base of the receive antenna. The down-converter will successfully drive 10m of cable with down-converted UHF signal with no loss of performance.

#### Product Code:

DCB-550600	Weight 0.2Kg, Size 85mm x 45mm Dia
DCB-450500	Weight 0.2Kg, Size 85mm x 45mm Dia
DCB-300350	Weight 0.2Kg, Size 85mm x 45mm Dia
DCB-250300	Weight 0.2Kg, Size 85mm x 45mm Dia
DCB-200250	Weight 0.2Kg, Size 85mm x 45mm Dia
DCB-150200	Weight 0.2Kg, Size 85mm x 45mm Dia
DCB-100150	Weight 0.2Kg, Size 85mm x 45mm Dia

### Cobham High Gain Barrel Down-converter

The Cobham high gain barrel down-converter is designed for permanent outdoor installations on the base of the receive antenna. The down-converter will successfully drive 50-100m of cable with down-converted UHF signal with no loss of performance.

#### Product Code:

DCBX-200250	Weight 0.2Kg, Size 85mm x 45mm Dia
DCBX-100150	Weight 0.2Kg, Size 85mm x 45mm Dia



### Cobham Legacy Square Down-converter

The Cobham square down-converter is designed for permanent outdoor installations on the base of the receive antenna. The down-converter will successfully drive 10m of cable with down-converted UHF signal with no loss of performance. This square style of down converter is being phased out and replaced by the barrel style.

#### Product Code:

DC-562590	Weight 0.52Kg, Size 130x100x35mm
DC-488515	Weight 0.52Kg, Size 130x100x35mm
DC-310340	Weight 0.52Kg, Size 130x100x35mm
DC-225265	Weight 0.52Kg, Size 130x100x35mm
DC-100140	Weight 0.52Kg, Size 130x100x35mm



### Cobham Legacy Square High Gain Down-converter

The Cobham square high gain down-converter is designed for permanent outdoor installations on the base of the receive antenna. The down-converter will successfully drive 50-100m of cable with down-converted UHF signal with no loss of performance. This square style of high gain down converter is being phased out and replaced by the barrel style.

#### Product Code:

DCX-562590	Weight 0.52Kg, Size 130x100x35mm
DCX-488515	Weight 0.52Kg, Size 130x100x35mm
DCX-310340	Weight 0.52Kg, Size 130x100x35mm
DCX-225265	Weight 0.52Kg, Size 130x100x35mm
DCX-100140	Weight 0.52Kg, Size 130x100x35mm

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Cobham Produce a broad range of antennas and accessories to complement its range of transmission equipment. The items below are a selection of the more popular. For details of other antenna types including covert patches, contact Cobham directly.



### 180 deg Directional Antenna

Small compact directional antenna, specifically designed for use with SOLO Transmitter, including short interconnecting cable terminated to suit TX.

#### Product Code:

ANTBW-560590  
ANTBW-228255  
ANTBW-126140  
ANTBW-115125



### Omni Directional Antenna

Omni-directional antenna 2dbi. Suitable for use with either transmitter or receiver. TNC based mounted connection.

#### Product Code:

ANT2-228250  
ANT2-115140



### Co-linear Omni Directional Antenna

Co-linear omni-directional antenna 4.5dbi. Suitable for use with either transmitter or receiver. TNC base mounted connection.

#### Product Code:

ANT4-560590  
ANT4-440500  
ANT4-310340  
ANT4-228255  
ANT4-115140



### Sector Directional Antenna

Directional antenna 12dbi. Suitable for use with either transmitter or receiver. TNC base mounted connection.

#### Product Code:

ANT12-560590  
ANT12-330370  
ANT12-228255  
ANT12-115140



### Battery Packs for SOL4TX

Cobham provide a range of rechargeable battery packs, including interconnecting power cables, for use in conjunction with SOLO Transmitter, in different applications.

#### Product Code:

SOLBAT  
SOLBAT2



### SOL4TX Harness Kit

Slim fit overt body harness suitable for use with SOLO or SOLO Transmitter.

#### Product Code:

ACCBCH



### Power Supply

AC input 100-240V. DC output 12V 3.0 Amp. Standard cable and connector. For use with SOLO2 or SOLO4 TX or RX unit.

#### Product Code:

PSU12



### Cables

A variety of standard cables are available for most applications.

For further information please contact:

### Cobham Tactical Communications and Surveillance

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