

## ROVER COFDM TERRESTRIAL AND DOWNLINK RECEIVING SYSTEMS

Navtech offers a wide range of systems to meet all requirements for receiving digital COFDM video transmissions from aircraft and ground based links. This covers portable equipment, mobile command vehicle systems and fixed site, long range installations. Equipment can be tailored and customised to suit a particular user's individual requirements.

Reception is via the latest 2 channel diversity method to provide optimum performance. Receiver options include the hand held "Director" with integrated video monitor and battery for truly portable applications.



**2 channel Diversity Receiver**

2U 19" rack mounting  
Internal down-converters  
Multiple buffered video outputs  
Mains or 12 - 36 V DC operation



**Rover Director Receiver**

Optional lightweight receivers with attachment brackets for pole or mast mounting enable optimum location for the best signal reception

A selection of antenna configurations provide for a truly versatile video link system

### Receiver

RF Inputs : Dual Diversity MRC via N-types  
O/P : Composite Video via BNC  
Power : 12V dc (9-36 optional)  
Current : 600mA @ 12V dc  
Dimensions : 260 x 130 x 5 mm  
Weight : 1.6Kg

### Frequencies

L Band : 1.150 - 1.400GHz  
S Band : 2.280 - 2.485GHz  
C Band : 5.725 - 5.850GHz  
Bandwidth : Standard 8MHz  
Compression : JPEG2000 - MPEG4 -H264  
Modulation : QPSK or 16QAM



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