

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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