



NEP 80, 81, 82

Dual Path Redundant, HD/SD Uplink

Vehicle

Mercedes Sprinter 316
Length: 5.5M
Width: 2.4M
Height: 3.1M
Weight 3.5 tonnes

RF

1.8M DriveForce Antenna with high (10.75GHz lo) and low (9.75 GHz l.o.) band orthogonal LNB's
EIRP: 69.8 dBW
T x Gain (14-14.5 GHz) 46.8 dBi
R x Gain 44.7 dBi
2 x 400W high efficiency Xicom HPA's
2 x Ericsson AVP 3000. SD / HD SDI / CVBS, MPEG 2 / 4, DVB-S / S2, QPSK / 8PSK, 4:2:0 / 4:2:2, 8 Audio pairs, BISS Encryption, 2 off ASI inputs.
2 x Ericsson RX8200 IRD. SD / HD SDI / CVBS / ASI, MPEG 2 / 4, DVB-S / S2, QPSK / 8PSK, 4:2:0 / 4:2:2. BISS Decryption

Comms

1 x Raycom RTB Base station
4 x UHF Icom portable TX/RX radios
1 x GSM cell phone TBU with 4-wire
2 x PD25 Paradise Satellite comms' modem
1 x Vocality voice mux
1 x 8 Button Comms Engineering panel
1 x 8 by 8 comms 4-wire module
4 x Ext 4-wire inputs

Fibre

2 x HD / SD SDI / PAL Telecast Copperhead, 1 video, 1 audio pair plus comms

Dual path, fully redundant trucks, capable of small scale live productions, up to 2 cameras. Used regularly to provide small-scale presentation add-ons to a host OB feed for sports, live events, news, corporate clients. Live 2-way links using onboard receivers.

Radio Links

1 x Radio Camera Link with diversity unit. 1 video, 1 audio pair plus comms

Video

1 x 16x16 digital vision n router
1 x SD / HD Vision mixer, Panasonic 5 I/P
1 x Video signal monitor Tektronix WVR5000
1 x 22in monitor
10 x 2 channel dual monitor
2 x SD / HD tailboard I/P's
3 x video tie lines
2 x re-clocking
2 x synchroniser
10 x SD / HD / Composite tailboard O/P's
1 x SD / HD P2 player / recorder
2 x tailboard interconnections for up to 3 camera RCP's

Audio

1 x 16x16 digital audio router
1 x Audio mixer, 16 channel, analogue
1 x 2 channel PPM audio monitor 1 by 6
4 x AES splitter
4 x embedder
4 x de-embedder
4 x dual analogue to AES A to D
4 x dual AES to analogue D to A
4 x AES De-embedder
4 x analogue IRD O/P's
1 x Tailboard monitoring unit analogue, AES, embedded

Power

1 x 16A single phase I/P.
1 x 16A O/P's plus 13A sockets
1 x 4.8 KVA on-board Generator
1 x UPS system