



(800) 672-2728  
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**KC21**  
**SAN ANTONIO, TX**  
**C-BAND / Ku SATELLITE TRUCK**  
**WOLFCOACH**

Specs Freightliner SL70 - Diesel  
Weight 24,820 pounds  
Dimensions 13' 6" high (add 10' for dishes), 8.5' wide (add 3' for door), 33' long

**RF PACKAGE:** The transmission platform was designed and integrated by our engineering staff to meet the most stringent field requirements.

Antenna 3 ports (2 Rx – 1 Tx) in Ku mode  
2 ports (1 Rx – 1 Tx) or (Dual path via IF combining) in C-Band mode  
Digital grade (10Khz), stable LNB's to allow SD or HD downlinking  
4.5 / tri-fold Andrews C-Band antenna  
Multiple SD or HD feeds on the same polarity

Upconverters Two Ku and two C-Band LNR high stability with minimal phase noise upconverters

Power Two harsh environment, ruggedized C/ Ku 400 watt ETM transmitters running in phase combine mode

Encoders Two Tandberg E5788 composite, SD or HD/SDI  
More encoders can be diverted or added upon request to provide multi-path, simultaneous digital carriers. RAS and BISS Encryption with AC-3 and Dolby E pass-through capability  
DVB-S and DVB-S2 QPSK, 8PSK or 16APSK modulation

**AVAILABLE AUDIO PER PATH:**

Analog, four channels  
AES/EBU, up to eight channels with Dolby E 5.1  
Embedded, up to 16 channels with Dolby E 5.1

**POWER:**

On-board One 25 KVA ONAN generator  
Shore 100' amp single phase, 220 volts – 2 hots and one ground hook up  
100' of shore power cable on board w/ standard CAMLOCK connectors

**VIDEO PACKAGE:**

Routing Leitch Panacea 32X32 multi-format HD/SDI routing switcher, 16X16 AES and analog video/audio  
And Sigma multi-format signal generator (HD, SD, composite)  
Distribution Eight separate router outlets for complete and independent monitoring and downlinking capabilities  
Full compliment of video patch panels for flexibility and to quickly circumvent any possible failure

DA's Ross Equalizing and Clamping Composite Video DA's  
Other Four Analog, SD/SDI or HD/SDI video inputs, with Hum-bucking coil and re-clocking DA's

Analog, SD or HD Videotek TVM-950HD waveform monitor with eye pattern analysis to verify and analyze any video signal input. Input and receive signals DVR recording to monitor

Bit stream analyzer

VTRs Multi-format: DVCam player/record, DVCPRO 25 player, MiniDV player  
BetaSP player/recorder

**AUDIO PACKAGE:**

Mixer One Yamaha stereo mixer for utility mixing  
Other Analog and AES audio DAs  
Full compliment of patch panels for flexibility and to quickly circumvent any possible failures

**INTERCOM / IFB:**

Intergrator 2 channel IFB mixer; talent interrupt capability on either or both channels  
Two Telos Link phone interface units for independent PL interface  
Wired and wireless IFB  
Cell & Satellite phones on board