OTS-16ATR
Optiva™ Standard, 16 Duplex Analog Audio

Video

16

Audio

Data

Audio Transmission

The OTS-16ATR provides for the transmission of 16 Channels of Duplex Analog Audio.

System Design

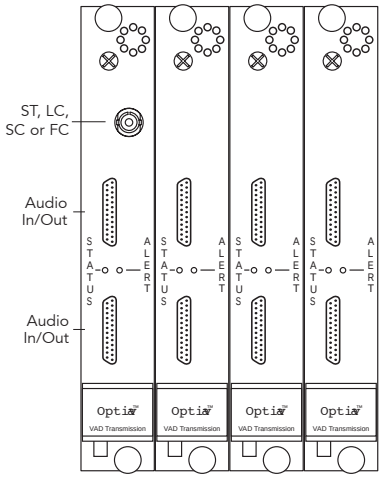
All units come in an insert card version. The cards can be inserted into our 16-slot, 19" rack-mountable card cage (OT-CC-16-100) or one of our smaller Optiva™ Desktop Card Racks (OT-DTCR Series).

The Optiva™ Desktop Card Racks can handle one, two or four insert cards, creating compact, mountable, stand alone systems. The use of separate OT-DTCR enclosures allows for future flexibility and expansion as all cards are hot-swappable and can be used in any enclosure. Each one of our card housing units operate with an appropriate power supply. See "Accessories" for power supply specifications.

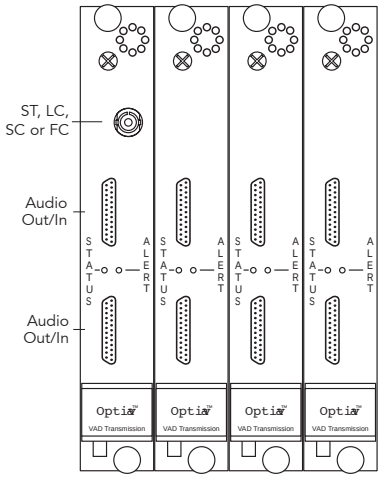
Optiva™ Upgrade Path

This system can be purchased without an optical port as an add-on to an existing Optiva™ system daisy-chain. (See "Non-Optical Version" below).

The Optiva™ bandwidth requirement of this system is 80 Mbps.



OTS-16ATR



OTS-16ART

Features

- Analog Audio over one fiber
- TDM - Single fiber, dual wavelength
- Compatible with MDM-7000 Series for WDM and CWDM multiplexing
- No EMI or RFI and no ground loops
- Stand alone or rack-mount
- Ideal for Professional AV applications

Versions Available*

Wavelength (nm) & Fiber	Transmit/Receive**	Receive/Transmit**	Optical Connector	Optical Budget (dB)	Range*** (km)	Form Factor
1310/1550 Multimode	OTS-16ATR-A1/A3M-XX-IC	OTS-16ART-A3M/A1-XX-IC	ST, FC, LC or SC	10	3	IC (2-slot)
1310/1550 Singlemode	OTS-16ATR-A2/A3-XX-IC	OTS-16ART-A3/A2-XX-IC	ST, FC, LC or SC	12	20	IC (2-slot)
1310/1550 SM (D)	OTS-16ATR-A2/A3D-XX-IC	OTS-16ART-A3D/A2-XX-IC	ST, FC, LC or SC	17	40	IC (2-slot)
1310/1550 SM (H)	OTS-16ATR-A2/A3H-XX-IC	OTS-16ART-A3H/A2-XX-IC	ST, FC, LC or SC	25	60	IC (2-slot)
1270-1610 SM (CWDM)	OTS-16ATR-L4/L4-XX-IC	OTS-16ART-L4/L4-XX-IC	ST, FC, LC or SC	Varies	20-70	IC (2-slot)
Non-Optical Version	OTS-16ATR-NOC-IC	OTS-16ART-NOC-IC	N/A	N/A	N/A	IC (2-slot)

Analog Audio Codes - To indicate your Analog Audio impedance preference, please use the following instead of "A" in the model number: "AB" = Input Balanced 600 Ohm, Output Balanced 600 Ohm; "ABH" = Input Balanced Hi-Z, Output Balanced Low-Z; and "AUH" = Input Unbalanced Hi-Z, Output Unbalanced Low-Z.

** Contact Opticomm for other versions available.*

*** XX indicates the type of optical connector. Each of ST, FC, LC or SC are available.*

**** Chromatic dispersion and additional losses should be taken into account.*

800-867-8426 • info@opticomm.com • www.opticomm.com • Contact Opticomm for custom requirements.

Analog Audio

Level	6 dBm In/Out
Bandwidth	20 Hz to 20 KHz
Signal to Noise Ratio	> 80 dB
Total Harmonic Distortion	< 0.1%
Signal Coding	24-bit
Connector	Micro DB25

Impedance Options:

Input	Output
Balanced 600 Ohm	Balanced 600 Ohm
Balanced Hi-Z	Balanced Low-Z
Unbalanced Hi-Z	Unbalanced Low-Z

General

Dimensions & Weight	Insert Card (IC): 6.3" L x 0.8" W x 4.0" H 11 oz
Operating temperature	-20° C to +55° C
Storage temperature	-40° C to +85° C
Humidity	0 to 95% non-condensing
Operating voltage	9-12 V_{DC}
Consumption	1 Amp Max per Insert Card
System Latency	Less than 10ms

Local Monitoring LED Status Indication

Remote Monitoring Compatible with OptivaView™ SNMP Management Suite

Optiva™ Configurable Communication Platform
Network Management
SDI & HD-SDI
Composite Video, Audio & Data
RGB/VGA/DVI
Audio/FSK/Intercom
Data (Ethernet/Serial/USB)
CATV/RF & L-Band
Optical Switching, Routing & Redundancy
Passive Multiplexing Solutions
Enclosures, Racks & Frames
Power Supplies & Accessories

10 YEAR WARRANTY

ISO 9001:2000 CERTIFIED

FCC PART 15 COMPLIANT

MADE IN THE USA

Sample Configuration