

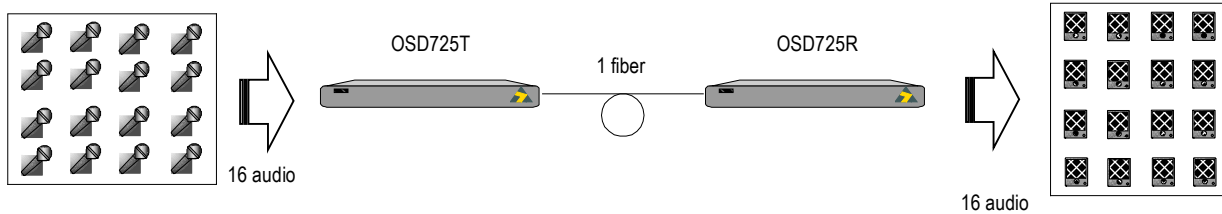
APPLICATIONS

- ▲ Studio audio distribution
- ▲ Sound stage to console connection
- ▲ Campus audio program distribution
- ▲ Public address systems
- ▲ Road tunnel radio remote distribution

FEATURES AND BENEFITS

- ▲ Supports 16 or 32 audio channels
- ▲ Broadcast quality 18 bit digital transmission
- ▲ Extremely rugged 2U high 19" rack mounting chassis for the OSD725/16 16-channel system and 3RU for the OSD725/32 32-channel system

TYPICAL APPLICATION DESIGN



ORDERING INFORMATION

OSD725T/16	16 channel multimode transmitter	OSD725T/32	32 channel version of OSD725T/16
OSD725R/16	16 channel multimode receiver	OSD725R/32	32 channel version of OSD725R/16
Option L	1310nm singlemode operation		
Option SC	SC optical connector		
Option FC	FC optical connector		



SPECIFICATIONS

ELECTRICAL

Nominal Level	0dBu (775mVrms)
Headroom	20dB
Input Impedance	600Ω or 10kΩ (user selectable)
Output Impedance	40Ω
Audio Connectors	XLR, female on OSD725T transmitter, male on OSD725R receiver
Format	Balanced input and output
Signal to Noise Ratio	>70dB at nominal level
Total Harmonic Distortion	<0.05% at nominal level
Bandwidth	10Hz to 20kHz (±0.5dB)

OPTICAL

Optical Wavelength	850nm (OSD725T) 1310nm (OSD725TL)
OSD725T Transmit Power	-13 to -10dBm into multimode fiber (OSD725T only) -13 to -10dBm into singlemode fiber (OSD725TL only) -7 to -3dBm into singlemode fiber (OSD725T/13-7 only)
OSD725R Receiver Sensitivity	<-33dBm
OSD725R Receiver Saturation	>-10dBm
Link Budget and Transmission Distance	>20dB (>6km for multimode, >50km for singlemode)
Optical Connectors	ST Standard, SC and FC optional

ENVIRONMENTAL, PHYSICAL, POWER

Operating Temperature	-20 to +60°C
Relative Humidity	0 to 95% non-condensing
Power	95 TO 265VAC @ 10VA for OSD725/16 @ 15VA for OSD725/32
Dimensions (mm)	483W x 216D x 88H 2RU enclosure (OSD725/16) 483W x 216D x 133H 3RU enclosure (OSD725/32)
Weight	6kg for OSD725/16 8kg for OSD725/32