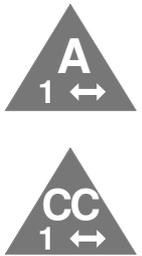


### APPLICATIONS

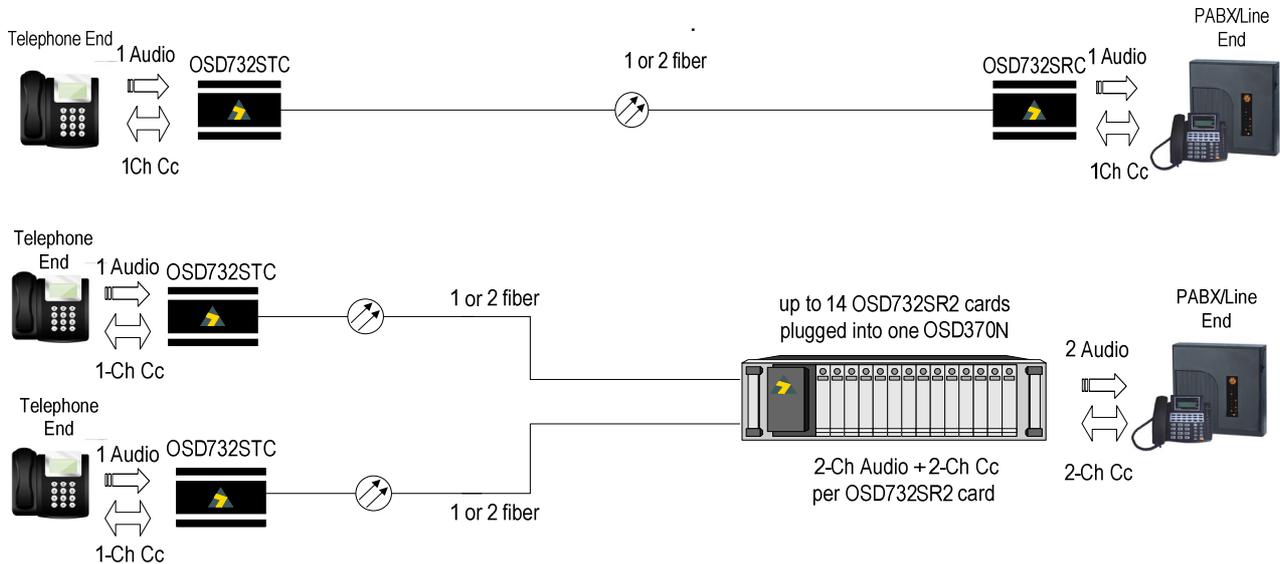
- ▲ Line/PABX–Telephone Links
- ▲ Telephone-Telephone Intercom Links
- ▲ ITS Emergency Telephone System
- ▲ PABX Extension for Remote Location
- ▲ Secure networks



### FEATURES AND BENEFITS

- ▲ Interfaces with any touchtone or decadic dialling telephone and PABX systems.
- ▲ Available with 1 or 4 telephone interfaces.
- ▲ Duplex communication utilising 100Base-Fx SFP transceivers that can be selected according to specific length or fiber requirements without changing the whole unit.
- ▲ Operates with both singlemode and multimode fibers over up to 50km
- ▲ Available in both standalone module or rack-mount card.
- ▲ Fully digital transmission.
- ▲ Optional relay contact channel
- ▲ A-Tick compliant

### TYPICAL APPLICATION DESIGN



### ORDERING INFORMATION

OSD732ST	Telephone transceiver Card, telephone end
OSD732SR	Telephone transceiver Card, PABX/line end
OSD732SR2	Dual telephone transceiver Card, PABX/line end (card only)
Option C	Module version
Option 4A	Four telephone lines
Option 1Cc	1 duplex contact closure
Option 2Cc	2 duplex contact closures (applies for OSD732R2 only)
OSDSFP100Fx	2-fiber 100Base-Fx 1310nm SFP Plugin Module with LC connectors for at least 10km
OSDSFP100FxA	Single fiber SFP Plugin Module with an SC connector for at least 10km (TX @1310nm, Rx@1550nm)
OSDSFP100FxB	Single fiber SFP Plugin Module with an SC connector for at least 10km (TX @ 1550nm, Rx @ 1310nm)



# SPECIFICATIONS

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## SYSTEM PERFORMANCE

Audio Bandwidth	150Hz to 6kHz
SNR	> 70dB
Input/Output Impedance	600Ω Balanced
Optical Port Connectors	SFP (LC connectors for 2-fiber operation and SC for 1-fiber operation)
SFP Options	Short haul, long haul, single fiber operation, etc. Please consult OSD datasheet #102100006 or contact OSD
Ring Voltage	70 VAC on -24 VDC bias
Contact transmission	Buffered input at OSD732ST, MOSFET output at OSD732SR & OSD732SR2

## PHYSICAL

Telephone Connector	RJ11
Optical Connectors	LC or SC (SFP)
Operating Temperature Range	-20 to +75°C
Relative Humidity	0 to 95% non-condensing
Power Requirements	+9V to 24V DC @ 6VA
Indicators	Laser OK: Transmit Optical Signal OK LoS: Received Optical Power OK Link OK: Received Optical Signal Locked
Dimensions of Module (mm)	114W x 174D x 32H
Weight of Module (kg)	0.4
Dimensions of Card (mm)	25W x 208D x 100H
Weight of Card (kg)	0.2
Chassis Current Consumption (CCC)	0.3 Amp (1 Channel) 0.5 Amp (4 Channels)