Team Engineers
SOLUTIONS in Connectivity
An ISO 9001 : 2015 Company

TEAMLINK 5022
ETHERNET TO OPTICAL CONVERTER

TECHNICAL SPECIFICATIONS

FEATURES

Built-in 4 Port Ethernet Switch

Supports 2 Copper ports & 2 Fiber port

Supports Single Fiber & Dual Fiber Mode (Optional)

Simple Or Duplex Mode of Operation on Fiber

SFP - 20KM, 40KM, 80KM, 120KM

Interoperable with the other Optical Modems

RSTP / STP Enabled Four Port inbuilt switch

RSTP / STP can be Enabled or Disabled

Each Port UP & DOWN events sending through the SNMPv1 / SNMPv2 traps / SNMPv3

Manageable with the standard SNMPv1, SNMPv2, SNMPv3 Managers

In built RTC with the time setting option for loading the alarm events in the flash for future checking

OPTICAL INTERFACE FEATURES

FIBER MODE		Single or Dual Fiber
FIBER DISTANCE		20Km / 40Km / 80Km /120KM its ordering time option
OPTICAL MODE		Simplex or Duplex
WAVELENGTH	DUAL FIBER	850nm/ 1310nm / 1550nm - LC Type
	SINGLE FIBER	1310nm / 1550nm - SC/LC Type (Ordering time option)

ETHERNET INTERFACE SPECIFICATIONS

NO. OF ETHERNET PORTS	4 (4 Port Switch), 2 Fiber Ports, 2 Copper Ports
INTERFACE COMPLIANCE	IEEE802.3 Compliant
CONNECTOR TYPE	2 Copper Ports (M12), 2 Fiber Ports LC (SFP)

10 Base-T & 100 Base-TX support for Copper Port & 100 Base-FX for Fiber Port

High Performance Look up engine with the support for the 1024 MAC address entries with the automatic learning and aging

Each Ethernet Port Statistics Transmit, Receive, Error, FCS, Packets Display

Supports Auto negotiation and the Auto Cross Over for each and every port

Speed, Link act Indications on Ethernet Ports

MANAGEMENT

Menu Driven Console from RS232 Serial Port Operating with the 115.2Kbps baud rate

Supports Telnet, SNMPv1, SNMPv2, SNMPv3(Optional)

Supports HTTP for configuration and Status Management (Optional)

Firmware upgrade with the X-Modem Protocol or TFTP protocol using the inbuilt 4 Port Ethernet Switch

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RS232 SERIAL PORTS SPECIFICATION

Baud Rate: 115.2Kbps, 8, N, 1 Format.

Supports VT100 Emulation with the Menu driven Self-Guided.

FRONT PANEL INDICATIONS

PWR, OPTLINK, ETH COPPERLINK_ACT, SPEED

RING BLOCK INDICATION

POWER SUPPLY

OPERATING VOLTAGE	24V/ 48V/ 110V DC (Ordering time Option)
Power ON/OFF switch on the back panel	
MAX Power Consumption <7W at 24V DC	

ENVIRONMENT

OPERATING TEMPERATURE	-10℃ to 70℃

DIMENSIONS

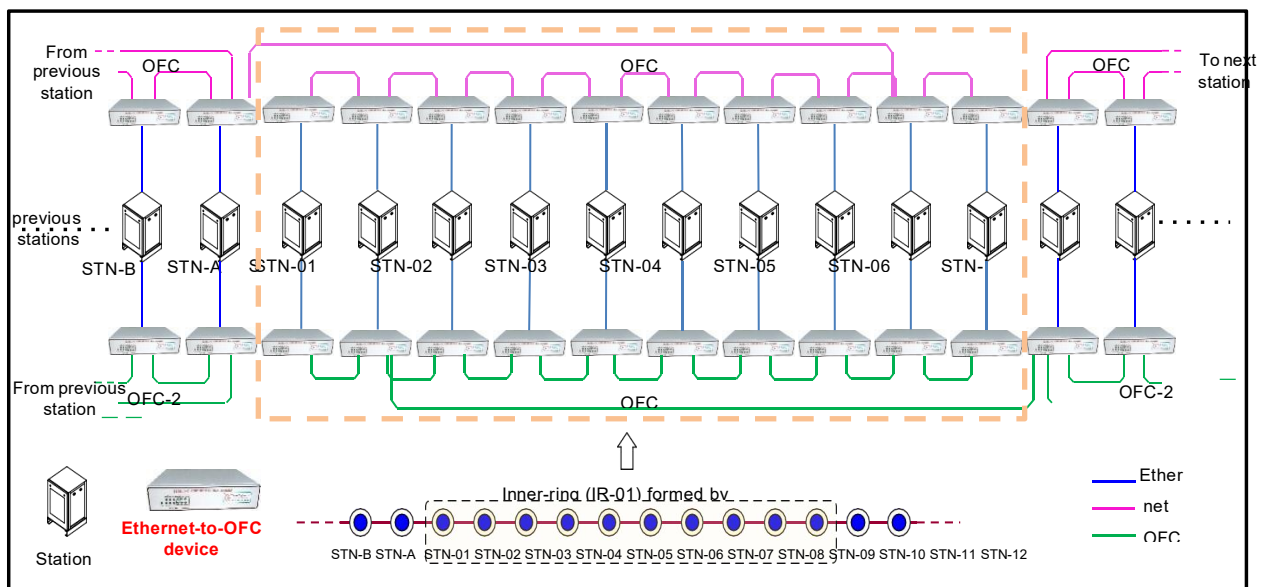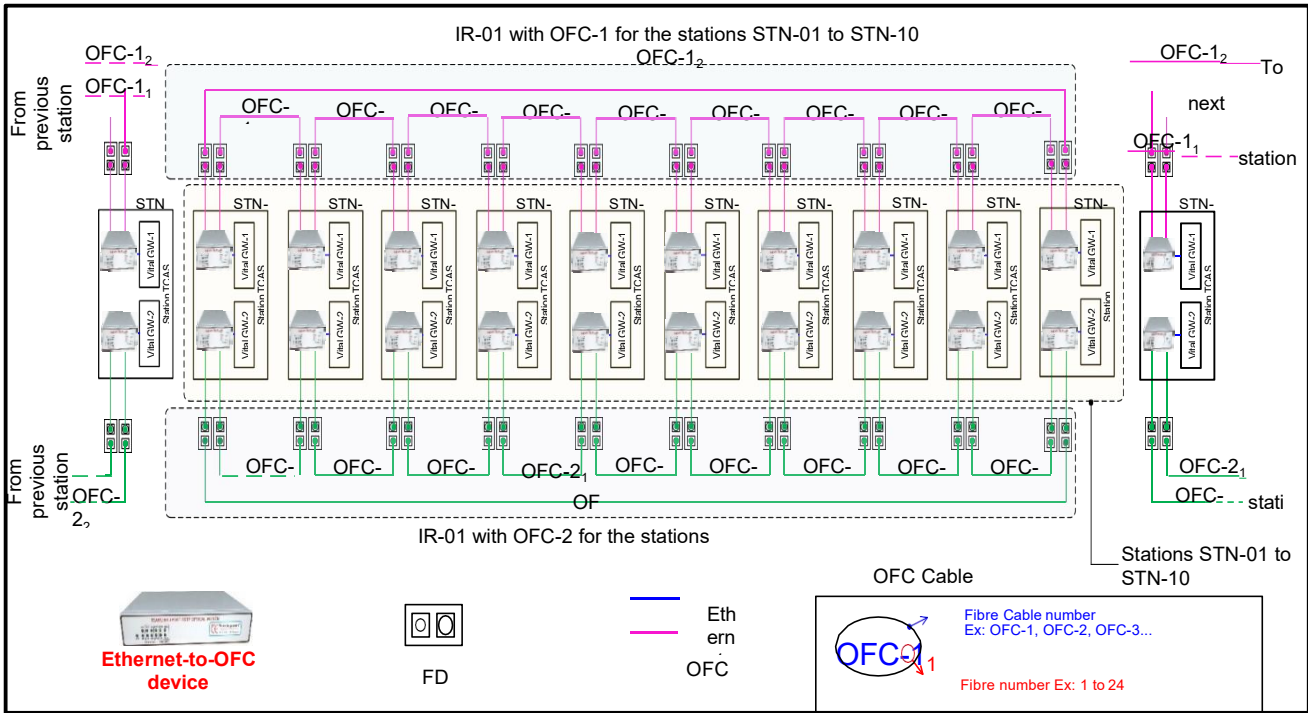| W X L X H	210mm X 154mm X 44mm

APPLICATION DIAGRAM 1/4

Figure 1: Stations connected in a ring (Inner-ring)

APPLICATION DIAGRAM 2/4
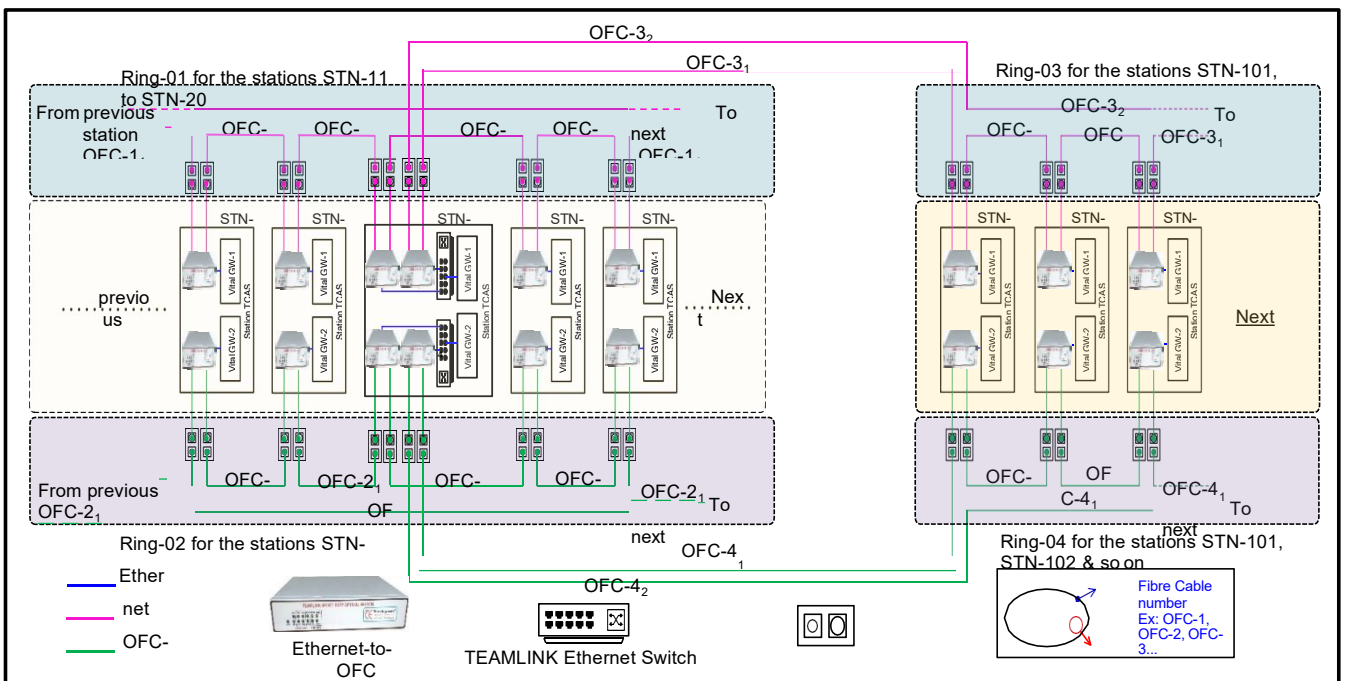

APPLICATION DIAGRAM 3/4

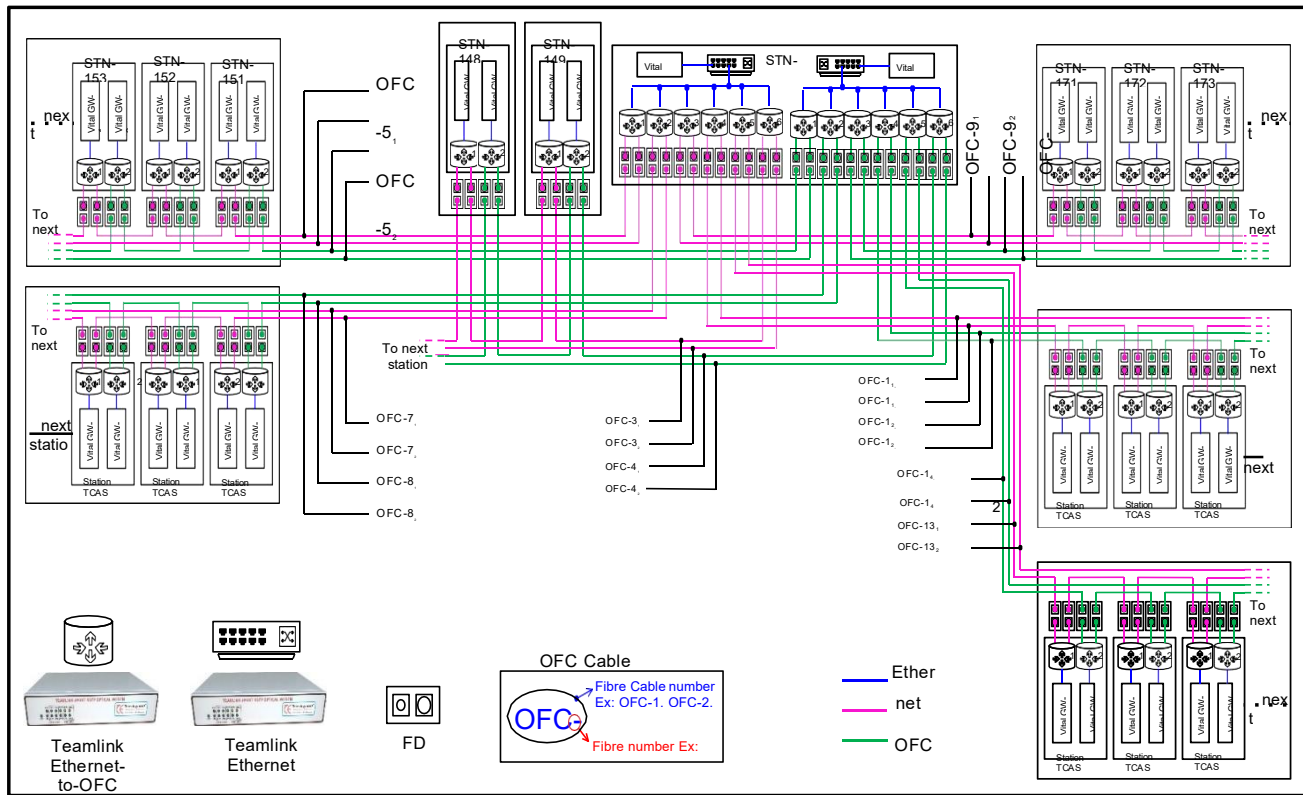Figure 2: Stationary TCAS connectivity for 2-Line

APPLICATION DIAGRAM 4/4

Figure 3: Stationary TCAS connectivity for 6-Line Junction