



OptoSpan-2



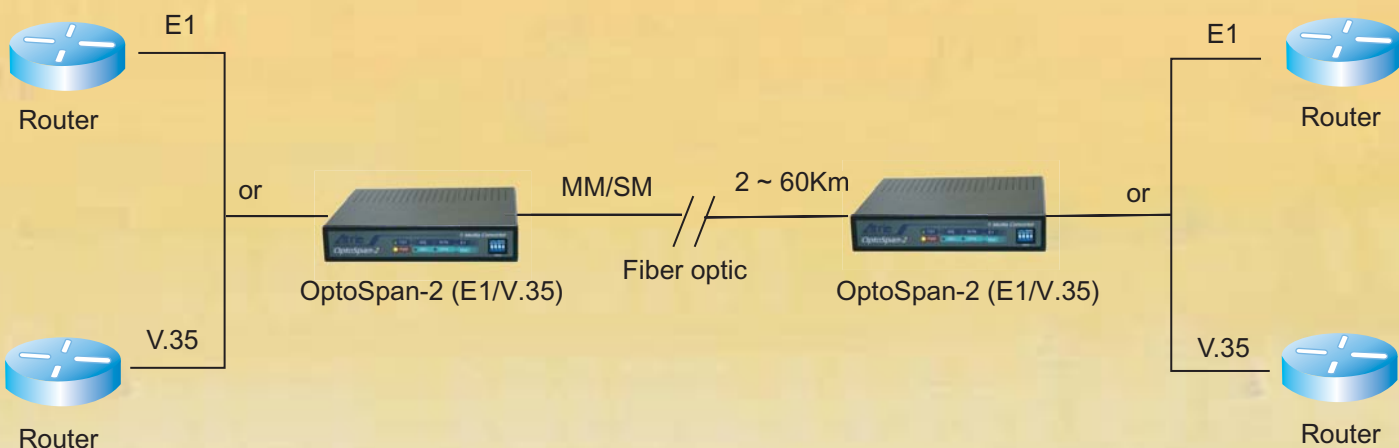
E1/V.35 Fiber Optic Modem



Features

- * Transparent to E1 framing.
- * Data Rate : $N \times 64\text{Kbps}$ ($N = 1 \sim 32$)
- * Converts E1 electrical signals into optical signals.
- * Compliance with ITU-T G.703 standard.
- * Supports activation of local loopbacks.
- * Front panel LED's indicate system faults in the electrical and fiber optic circuits.

Application



Specifications

02052020-2

E1 ELECTRICAL INTERFACE

Transmission Rate	2.048 Mbps
Line Coding	HDB3, AMI
Impedance	75 Ω unbalanced 120 Ω balanced
Connector	Balanced: RJ-48C Unbalanced: BNC

V.35 ELECTRICAL INTERFACE

Data Rate	N x 64Kbps (N=1 ~ 32)
Connector	34 pin Female connector

FIBER OPTIC INTERFACE

Transmission Rate	2.048 Mbps
Line Coding	CMI
Wavelength	1310 or 1550nm
Connectors	ST, SC, FC,PC
Fiber Type	9/125 μ m single-mode fiber, up to 2Km 62.5/125 μ m single-mode fiber 60km, up to 120km (Option)

GENERAL

Diagnostics	Local and Digital loopbacks activated via DIP switch
E1 Indicators	PWR, AIS, SYN, TST, AIS(E1), SYN(E1)
V.35 Indicators	PWR, NOP, TD, RD, TST
Power	AC: 100-240 VAC nominal DC: 48 VDC nominal
Power Consumption	5W max
Environment	Temperature: 0-50 $^{\circ}$ C Humidity: Up to 90%, non-condensing



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