

Robust, durable, cost effective fibre communication links

The 3007 OLTE provides a highly reliable and cost effective communication link via fibre for transmitting E3 G703. The E3 channels comply with the ITU G703 standard, using HDB3 coding.

- + Modems utilise 1300nm optics which can support single/multi mode.
- + All units are supplied with unbalanced input/output connectors (BNC 75 ohm)
- + Comprehensive status is provided on the front panel with the facility of remoting alarms via a 9 pin "D" type connector mounted on the rear panel.
- + Local and remote loopback can be configured from switches on the front panel of the unit.
- + With a range of up to 70Km the 3007 provides the user with a compact, cost effective approach for inter and intrasite communications.
- + The 3007 is a second generation development of the well established 3005 E1/E2 modem and provides for high reliability in a rugged unit.
- + Rack versions can be utilised with the 800 Series rack.

Features + Benefits

- + E3 34.368 Mb/s G703
- + Alarm Remoting
- + Up to 70Km transmission distance



Rack versions of the 3007 can also be utilised with the 800 series rack.

TECHNICAL SPECIFICATIONS

PROBOT 3007 SERIES FIBRE-OPTIC MODEM

PARAMETER	VALUE
Optical budget	62.5/125m fibre:14dB min 9/125m fibre:24dB min laser
Optical wavelength	1300nm single mode or multi mode
Traffic interface	Traffic in / Traffic out Unbalanced BNC 75 Ω
Alarm interface	9 pin "D" type
Optical connectors	ST
MTBF	>75000 hour MIL HB 217E
ENVIRONMENTAL	
Operating temperature	0°C to +55 °C
Relative humidity	95% non condensing
Safety	EN60950
EMC	Designed in accordance with FCC Regulations Part 1, sub J, for class B computer equipment. CE compliant
ALARM STATUS	
Alarm	LED /relay
Power	LED
Link Sync	LED
Tx	LED
Rx	LED
Local Loopback	LED
Remote Loopback	LED
BER	LED
Power	110/240VAC 48vdc
Dimensions	181mm wide x 200mm deep x 44mm high
Weight	800g

PROBOT 3007 SERIES FIBRE-OPTIC MODEM ORDERING INFORMATION:

DESCRIPTION	PART NO.
3007 E3 (G703) Desktop Line Driver with 110/240VAC PSU and 850nm optics	3007D00
3007 E3 (G703) Desktop Line Driver with 110/240VAC PSU and 1300nm optics	3007D01
3007 E3 (G703) Rackmount Line Driver with 110/240 VAC PSU and 850nm optics	3007R00
3007 E3 (G703) Rackmount Line Driver with 110/240 VAC PSU and 1300nm optics	3007R01

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