

Robust, durable, cost effective fibre communication links

The 3006 OLTE from the European innovator in Fibre Networking Solutions, provides a highly reliable and cost effective communication link via Fibre for transmitting either X21 or RS530 from dc to 8.448Mb/s. The 3006 supports a number of clocking options including internal and externally derived clocks.

- + The internal PCB is designed in a modular fashion so that it can be integrated into the Probot 800 Series as a 3U rackmount version.
- + All modems can be configured with 850nm multimode optics or with 1300nm single mode.
- + Traffic interface is provided by a 15 pin D type connector. Comprehensive status is provided on the front panel with the facility of remoting alarms via a 9 way D type connector(voltage free relays).
- + Front panel switches allow a comprehensive range of operating and diagnostic features to be selected
- + With an optical budget of 12dB to 14dB this series of modems is ideal for cross-site/campus style environments and telco transmission systems.
- + These products provide the end user with a cost effective and highly reliable system.
- + SNMP management can be implemented when used in conjunction with rack system. (800 Series)
- + When used in conjunction with a 3005 modem, protocol conversion from X21 or RS 530 to G703 across the link can be achieved(at E1/E2 speeds), thus saving the need for expensive external convertors.

Features + Benefits

- + X21 or RS 530 supported by single unit
- + Protocol conversion to G703 over Link
- + SNMP Management
- + DC to 8.448Mb/s



The 3006 can be easily integrated into the Probot 800 series as a rackmount version

TECHNICAL SPECIFICATIONS

PROBOT 3006 FIBRE-OPTIC MODEM SERIES

PARAMETER	VALUE
Optical budget	50/125m fibre: 12dB min 62.5/125m fibre: 14dB min 9/125m fibre 12dB min
Optical wavelength	850nm multi mode 1300nm multi mode 1300nm single mode
Traffic interface X21	X21 dc to 8.448Mb/s - 15 pin "D" type
Traffic interface RS 530 (reduced)	RS 530 – dc to 8.448Mb/s - 15 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	SYNC
Td	LED
Rd	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 3006 FIBRE-OPTIC MODEM SERIES ORDERING INFORMATION:

DATA INTERFACE	MODE	PRODUCT NUMBERS
X.21/V11	Multimode	3006D00
X.21/V11	Singlemode	3006D01
X.21/V11	Multimode	3006R00
X.21/V11	Singlemode	3006R01

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