

Overview

NOKIA Alcatel-Lucent ISAM FGLT-B is a Gigabit Passive Optical Network (GPON) line termination card with 16 GPON interfaces. With a single line card service providers can connect more than 2,000 subscribers or 32,000 subscribers in a fully filled rack configuration.

Quick Specification

Model	ISAM FGLT-B
GPON Port	16-GPON Port
Type	C+ Module: Single Fiber Bidirectional Optical Module, Class C+
Operating Wavelength	Tx: 1490 nm, Rx: 1310 nm
Encapsulation Type	SFP
Port Rate	Tx: 2.488 Gbit/s, Rx: 1.244 Gbit/s
Minimum Output Optical Power	C+ Module : 3.00 dBm
Maximum Output Optical Power	C+ Module : 7.00 dBm
Maximum Receiver Sensitivity	C+ Module : -32.00 dBm
Dimensions (W x D x H)	405 mm x 225mm x 25 mm

Product Details:

The Front Panel:





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Specific Data Sheet:

Model	FGLT-B
Service ports	
GPON Port	16-GPON Port
GPON SFP Module Specification	
Type	C+ Module: Single Fiber Bidirectional Optical Module, Class C+
Operating Wavelength	Tx: 1490 nm, Rx: 1310 nm
Encapsulation Type	SFP
Port Rate	Tx: 2.488 Gbit/s, Rx: 1.244 Gbit/s
Minimum Output Optical Power	C+ Module : 3.00 dBm
Maximum Output Optical Power	C+ Module : 7.00 dBm
Maximum Receiver Sensitivity	C+ Module : -32.00 dBm
Optical Connector Type	SC/PC
Optical Fiber Type	Single-mode
Reach	30km/60km (18.6mi/37.3mi)
Overload Optical Power	C+ Module : -12.0 dBm
Extinction Ratio	8.2 dB
Device Specifications	
Weight	1.1kg
Dimensions (W x D x H)	405 mm x 225mm x 25 mm



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HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223