

Overview

NOKIA Alcatel-Lucent ISAM FGLT-A 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-A
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-A
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
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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	1.4kg
Dimensions (W x D x H)	405 mm x 225mm x 25 mm

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