CUBO mini

HUBER+SUHNER

Management Channel Multiplexer MINI-DEV-MUX-MNGT

Product Description

The HUBER+SUHNER CUBO mini Management Mux is an addition to the CUBO mini 100G ODD module. The management of the CUBO mini 100G is separate from the 100G signal. The CUBO mini Management Mux combines the management channel with the 100G signal, avoiding having to add more fibers to connect the management when the CUBO mini 100G ODD is remotely located.

The CUBO mini Management Mux is mechanically designed to be attached to the CUBO mini 100G ODD making it a single unit.

Applications

- CUBO mini 100G ODD out-band management multiplexing

Features[1]

- High isolation WWDM Module
- Mux/DeMux of two bands (1310nm and 1550nm)
- Low insertion loss
- Full interoperability with ITU G694.2
- Telecordia GR1221 compliant

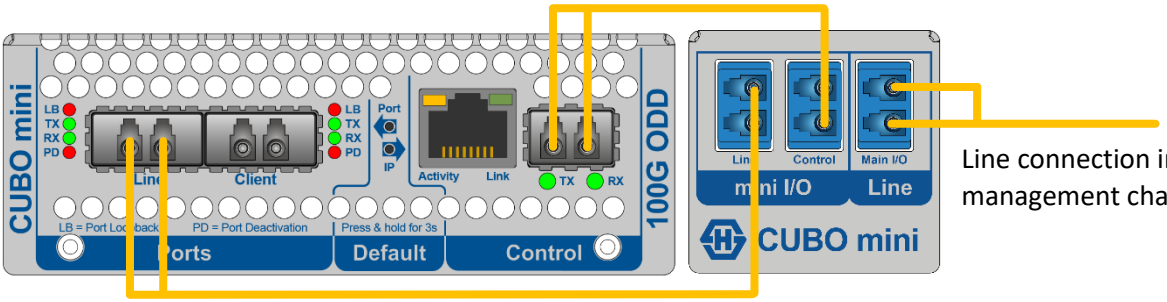
Revision History

No	Description	Date	Created by
A	Official release	12.02.19	James F. Merchant

[1] Subject to update and revision

Management Channel Multiplexer

MINI-DEV-MUX-MNGT



Line connection including management channel.

Technical Specification[1]

Connectors	Type	LC/PC
	Fiber compatibility	SMF-28 compatible ∅ 9 / 125 / 250µm
Channels	Number	1x add, 1x drop
	1310nm Channel	1260 – 1360nm
	1550nm Channel	1460 – 1620nm
Insertion Loss	Typical[2]	0.8dB
	Max.[3]	< 1.2dB
Isolation	1310 port	> 45 dB (Demux), > 45 dB (mux)
	1550 port	> 45 dB (Demux), > 45 dB (mux)
Optical Power	Max.	< 250 mW
Physical	Dimensions	Width: 45mm (1.78´´) Depth: 120mm (4.72´´) Height: 43mm (1.7´´)
	Weight	195g (6.88oz)
Ambient	Operation	0° to +70°C (+32° to +158°F)
	Storage	-40° to +85°C (-40° to 185°F)

Order Details

CUBO mini Management Mux	MINI-DEV-MUX-MNGT

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[2] Typical insertion loss is defined as typical value over channel bandwidth, full operating temperature range and methods from actual production data to reflect the majority of cases.
[3] Max. insertion loss over channel bandwidth, valid over full operating temperature range and all states of polarization with optical connectors and adapters. The typical connector loss is 0.4 dB for a pair of connectors.