



Filter

Ascentac OCAMS8600

| Description

Ascentac FiberTrace OCAMS8600 Series, Filter with hot-swappable design, can be mounted in the chassis of Remote Test Unit (RTU). Filter is an optical passive component module which can filter out unnecessary wavelength.

Filter includes High Pass Filter (HPF) and Low Pass Filter (LPF). HPF is installed at the system input (head end) to filter out wavelengths other than those used by the Optical Time Domain Reflectometer (OTDR), thereby protecting the OTDR module from potential damage. LPF is installed at the system output (tail end) to filter out the OTDR monitoring wavelengths, preventing interference with communication signals and ensuring transmission quality. The Filter Module is hot-swappable, allowing installation or replacement without shutting down the system.



Specification

High Pass Filter (HPF)

Model	OCAMS8650
Channel	1
Wavelength (nm)	1625 ± 20 (Filters out wavelengths at and below 1570 nm)
Insertion Loss (dB)	≤ 1.5
Isolation (dB)	≤ -30
Dimension (H x W x D) (mm)	27.1 x 216.5 x 267.8
Features	1. Hot-swappable operation (hot-plug capability). 2. Remote system reboot. 3. Remote firmware upgrade.

Low Pass Filter (LPF)

Model	OCAMS 8651	OCAMS 8652	OCAMS 8654
Channel	1	2	4
Wavelength (nm)	$1310 \pm 20, 1550 \pm 20$ (Filters wavelengths at and above 1600 nm)		
Insertion Loss (dB)	≤ 1.0		
Isolation (dB)	≤ -30		
Dimension (H x W x D) (mm)	27.1 x 216.5 x 267.8		
Features	1. Hot-swappable operation (hot-plug capability) 2. Remote system reboot 3. Remote firmware upgrade		

Ordering Information

High Pass Filter (HPF)

OCAMS 04-86X00

Wavelength

5 : 1625nm

EXAMPLE : OCAMS 04-86500

Low Pass Filter (LPF)

OCAMS 04-86X X0

Wavelength

5 : 1550nm

Channel

1 : 1-CH

2 : 2-CH

4 : 4-CH

EXAMPLE : OCAMS 04-86510



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For the latest information regarding this product, please visit our website at <http://www.ascentac.com>



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