

FL-W/DuoEDFA-C

WDM Dual Line C Band Erbium Doped Fiber Amplifier



Parameters	Technical Specifications
WDM MUX/DEMUX Ports (Optional)	4 Port ITU 50GHz (C53, C54, C55, C56) (Expansion up to 48 channel on demand)
Amplifier Wavelength Range	1530 – 1563 nm (typ 1527 – 1563 nm) (C-Band) 1570 – 1605 nm (L-Band) 1530 – 1605 nm (C+L Band)
Amplifier Frequency Band	191,81 THz – 195,94 THz
Amplifier Gain	≥25 dB (variable in ACC)
Amplifier Noise Figure	≤5 dB
Optical Input Power	(-40) – (-10) dBm
Amplifier Saturated Output Power	15 dBm
Monitoring Port	Monitoring port exist for outputs (LC/UPC)
Optic Connector	LC / UPC
Line Protection (optional)	Built-in line protection switch
Line Protection Transition time	≤50 ms (typ 10 ms)
Communication Interface	RJ45 Ethernet (management port, optionally customizable)
Power Supply	220 VAC, 50 Hz (optionally customizable)
Dimensions	483 x 230 x 44 mm (19" 1U rackmount)
Case Types	Rackmount
System Management	Description
Measured Parameters	<ul style="list-style-type: none">- Amplifier In-Out signal power levels- Amplifier gain- Amplifier laser diode current- Amplifier laser temperature- Amplifier power supply voltage levels
Optional	Protection line switch status, both line power levels and states
Alarms	<ul style="list-style-type: none">- Amplifier In-Out signal levels, ("TOO LOW" for In / "TOO HIGH" for out)- Amplifier laser diode current- Amplifier laser overheating- Device overheating- Amplifier power supply voltage levels
Others	Any parameters can be added according to the customer request

FiberLAST Fiber Lazer Sistemleri ve Teknolojileri A.Ş.

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