

BOOST YOUR FIBRE CONNECTIONS

Each output
is capable of
feeding up to
128 end-points

Erbium Ytterbium Doped
Fibre Amplifiers (EYDFA)

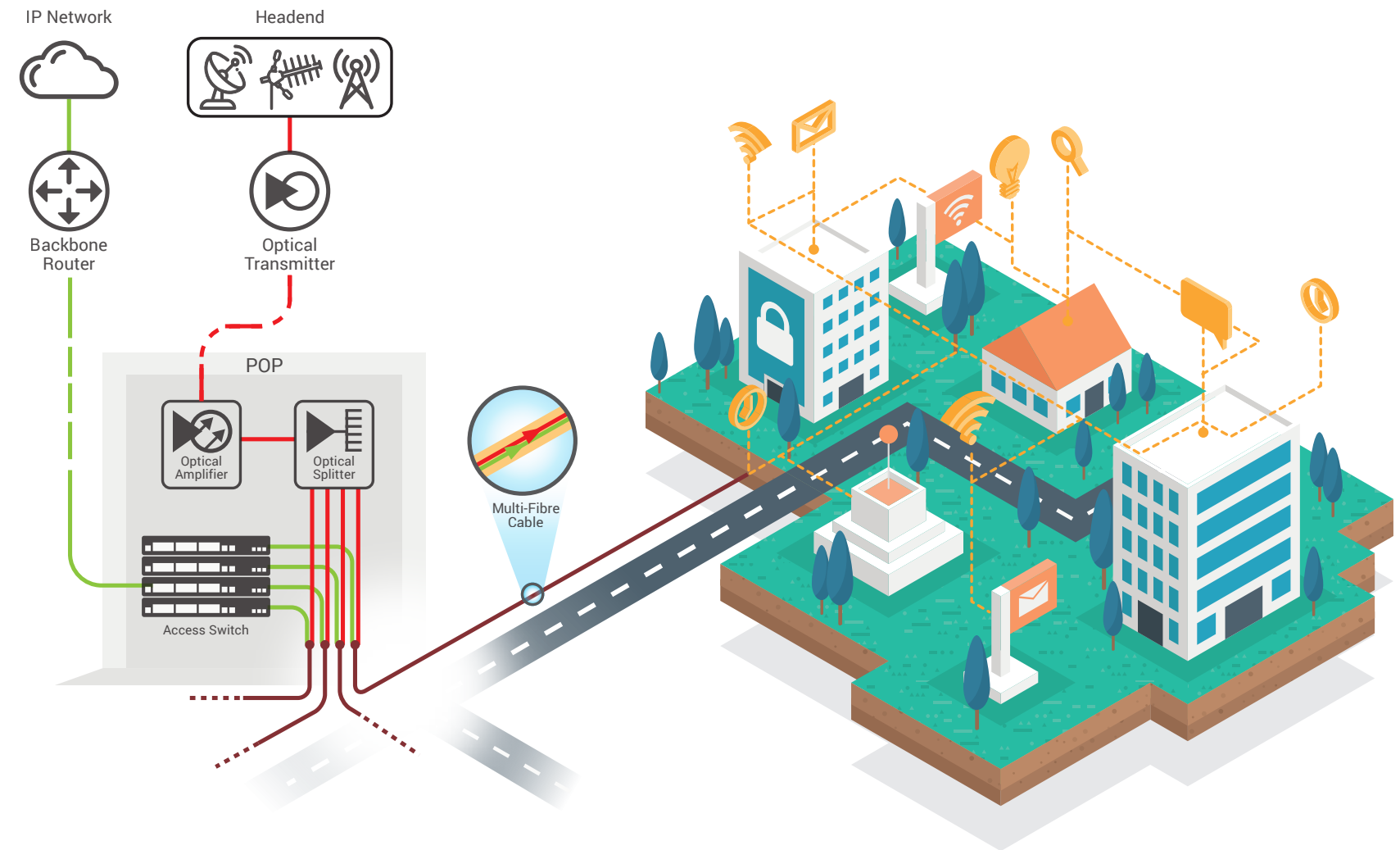
SPACE FIBRE



Ideal for use in CATV, FTTX and HFC applications.

Optimized for 1550nm wavelength.

- Each output of the EDFA is capable of feeding up to 128 end points
- Single input for Feed on 1550nm.
- Output adjustable by the Front Panel Interface or by the WEB User Interface
- Maintenance function of one-time downward attenuation of 6dBm by buttons in the front panel or web SNMP, to facilitate the optical fiber hotplug operation without turn off the device
- The Device can combine 1310nm and 1490nm wavelengths on the built in WDM together with the 1550nm output of the EYDFA
- Via the Web Interface, one can configure the SNMP Traps, Alerts, Power output etc.
- Safety Key to power off the laser during system maintenance
- Built in RF Test Port
- Adopts JDSU or Oclaro Pump laser
- Handy Indicator Lights built into front panel
- Dual power supply for redundancy



Our range of SF-EDFA fibre amplifiers offer either 1, 2, 4, 8, 16 or 32 ports. Speak to us about a solution designed to meet all your needs.

Our SF-EDFA RANGE

SF-EDFA-1



SF-EDFA-2



MAIN PARAMATERS: TOTAL OUTPUT dBm (+/-)		TOTAL OUTPUT mW	PORT OUTPUT dBm	PORT OUTPUT mW
SF-EDFA-1	20dBm	100mW	20dBm	100mW
SF-EDFA-2	25dBm	316mW	20dBm	100mW
Input (dBm)	-8~+10	Fiber Connector	FC/APC, SC/APC	
Range of output adjustment (dBm)	Down 3	Noise Figure (dB)	<5.0 (input 0dBm)	
Wavelength (nm)	1535~1565	Web port	RS232 or RS485	
Output stability (dB)	<±0.2	Power Consumption (W)	≤50	
Bias oscillation sensitivity (dB)	<0.2	Voltage (V)	220VAC (90~265), -48VDC	
Bias oscillation dispersion (PS)	<0.5	Working Temp (°C)	-0~40	
Optical Return Loss (dB)	≥40	Size (mm)	483×370×44	

SF-EDFA-16



SF-EDFA-32



MAIN PARAMATERS: TOTAL OUTPUT dBm (+/-)		TOTAL OUTPUT mW	PORT OUTPUT dBm	PORT OUTPUT mW
SF-EDFA-16	35dBm	3200mW	20dBm	100mW
SF-EDFA-32	38dBm	6300mW	20dBm	100mW
Input (dBm)	-8~+10	Noise Figure (dB)	<6.0 (input 0dBm)	
Range of output adjustment (dBm)	Down 4	Web port	RJ45 (SNMP), RS232	
one-time downward attenuation (dBm)	Down 6	Power Consumption (W)	≤80	
Wavelength (nm)	1540~1565	Voltage (V)	220VAC (90~265), -48VDC	
Output stability (dB)	<±0.3	Working Temp (°C)	-0~55	
Optical Return Loss (dB)	≥45	Size (mm)	390(L)×486(W)×88(H)	
Fiber Connector	FC/APC, SC/APC, SC/IUPC, LC/APC, LC/UPC			

SF-EDFA-4



SF-EDFA-8



MAIN PARAMATERS: TOTAL OUTPUT dBm (+/-)		TOTAL OUTPUT mW	PORT OUTPUT dBm	PORT OUTPUT mW
SF-EDFA-4	28dBm	630mW	20dBm	100mW
SF-EDFA-8	31dBm	1260mW	20dBm	100mW
Input (dBm)	-8~+10	Noise Figure (dB)	<6.0 (input 0dBm)	
Range of output adjustment (dBm)	Down 4	Web port	RJ45 (SNMP), RS232	
one-time downward attenuation (dBm)	Down 6	Power Consumption (W)	≤80	
Wavelength (nm)	1540~1565	Voltage (V)	220VAC (90~265), -48VDC	
Output stability (dB)	<±0.3	Working Temp (°C)	-0~55	
Optical Return Loss (dB)	≥45	Size (mm)	380(L)×486(W)×44(H)	
Fiber Connector	FC/APC, SC/APC, SC/IUPC, LC/APC, LC/UPC			

Each output is capable of feeding up to 128 end-points



Discover the best solution for your next installation.

Our range of products offer you:

- Easy Expansion
- Future proof installation
- Excellent signal quality and strength over vast area's
- Single fibre rather than multiple coaxial cables
- Reliable Future safe investment

Fully connected environment

HD TV at every point

Fully secured with CCTV

Full control at every TV point



Seamless Integration. Boundless Opportunities. One unique supplier!



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