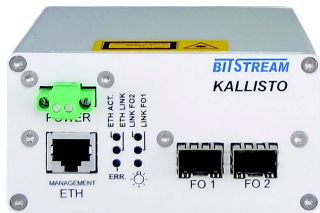


KALLISTO SFP to SFP Media Converter / Transponder

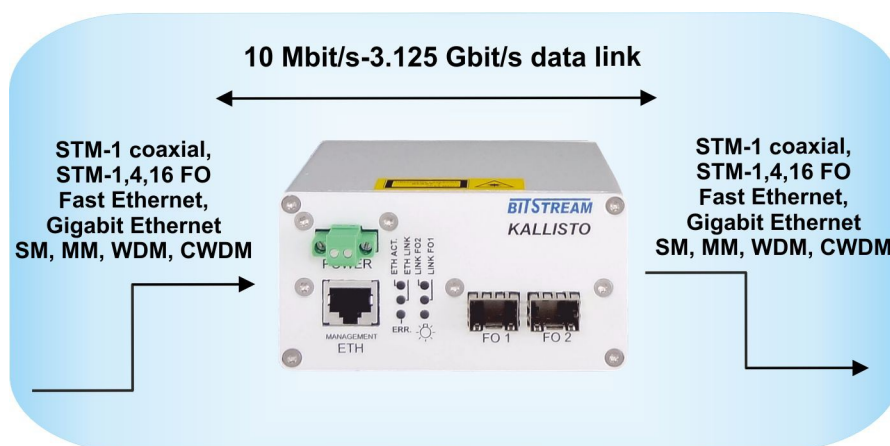


KALLISTO

- SFP to SFP conversion
- Full 3R Regeneration: (re-amplification, re-shaping, re-timing)
- Wide data rate support: 10Mbit/s – 3,125Gbit/s
- Data format transparency, multiple protocols supported (OC/STM, Ethernet, Fiber channel)
- Wide range of applications:
 - Wavelength conversion (CWDM, DWDM)
 - MM to SM conversion
 - Electrical to optical conversion
 - Signal repeating
- Port status LED signalization
- SNMP, WWW, TELNET management

KALLISTO provides a very flexible conversion between any type and combination of SFP transceivers (multi-mode, single-mode, copper, CWDM, DWDM). Supported data rates range from 10 Mb/s to 3.125 Gbit/s. Device is protocol and data format transparent, providing 3R (Re-amplification, Re-shaping and Re-clocking) regeneration between optical module types.

The use of SFP optics modules provide wide range of possible services, including, OC-3/STM-1, OC-12/STM-4, OC-48/STM-16, Fast Ethernet, Gigabit Ethernet, 1G Fibre Channel, 2G Fibre Channel and different fiber types (single and multimode), wavelengths (850nm, 1310nm, 1550nm, CWDM, DWDM), and fiber reaches. Multi-rate and data transparency gives provide flexibility to meet the changing service demands without changing installed equipment.



KALLISTO converters can be used in wide range of applications:

- Wavelength conversion for CWDM and DWDM transmissions
- Multi mode to single mode conversion
- Dual fiber to single fiber conversion
- Electrical Ethernet/STM-1 to optical signal conversion
- Signal repeating for long distance transmission

Embedded HTTP server, TELNET server and SNMP agent allows configuration and monitoring of the device by standard Web browser and continuous monitoring from any management platforms equipped with SNMP client. Built-in SMTP service daemon allows to notify the operator in case of system failure. Device management is carried out using dedicated Ethernet port. **KALLISTO** supports SFP modules digital diagnostics, providing real-time access to information such as transceiver temperature and Tx/Rx optical power.

KALLISTO is powered from DC voltage from 12 to 60V power supply or from an external device attached to, in the case of AC voltage. Total power consumption of the device does not exceed 5 Watts.

PARAMETERS	
SFP interfaces <ul style="list-style-type: none"> • 2x SFP slot • Transmission rates <ul style="list-style-type: none"> - KALLISTO-1G, KALLISTO-1G_Z: 10Mbit/s – 1,25Gbit/s - KALLISTO-2G_Z: 10Mbit/s – 3,125Gbit/s • Regeneration: <ul style="list-style-type: none"> - KALLISTO-1G_Z, KALLISTO-2G_Z: 3R (Re-amplification, re-shaping, re-timing) - KALLISTO-1G: 2R (Re-amplification, re-shaping) 	Optical ports <ul style="list-style-type: none"> • Using dedicated Ethernet 10BASE-T port • SNMP , WWW, Telnet • SFP DDMI support
Dimensions <ul style="list-style-type: none"> • 103 x 77 x 53mm housing • Suitable for mounting on DIN rail • Weight: 0,3 kg 	Power <ul style="list-style-type: none"> • Supply voltage range 12 to 60V DC • Attached 230VAC/48VDC power adapter • Up to 5W power consumption

ORDERING	
SPECIFICATION	DESCRIPTION
KALLISTO-1G	SFP to SFP Media Converter / Transponder, 1,25 Gbit/s version without re-timing function (2R regeneration)
KALLISTO-1G_Z	SFP to SFP Media Converter / Transponder, 1,25 Gbit/s version with re-timing function (3R regeneration)
KALLISTO-2,5G_Z	SFP to SFP Media Converter / Transponder, 3,125 Gbit/s version with re-timing function (3R regeneration)
ZAS-01	230V AC / 48V DC power adapter

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