



inoteska

**Converter
STM1 electrical interface/
STM1 optical interface**



Converter STM1 electrical interface / STM1 optical interface

Inoteska converter STM1 electrical interface / STM1 optical interface offers simple and cost-effective conversion between STM-1 fibre and STM-1 electrical.

Features:

- compact design based on SFP
- high reliability
- in accordance with ITU-T G.703 a G.957
- easy use and maintainance
- low power consumption
- loss signal detection
- optical interface duplex SC

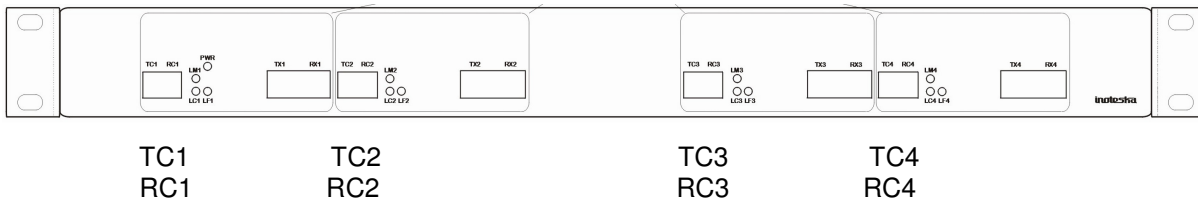
Variants:

ITX 495 14.12 Converter D STM1 Copper/ F.O., D power supply
 ITX 495 14.22 Converter Q STM1 Copper/ F.O., D power supply

Mounting:

19" rack 1U height – desktop or standard rack placement

Front panel:



LED diodes on front panel:

PWR – on – powered on

LM1 – on – SFP module 1 missing

LC1 – on – loss of signal from electrical line

LF1 – on – loss of signal from optical line

LM2 – on – SFP module 2 missing

LC2 – on – loss of signal from electrical line

LF2 – on – loss of signal from optical line

LM3 – on – SFP module 3 missing

LC3 – on – loss of signal from electrical line

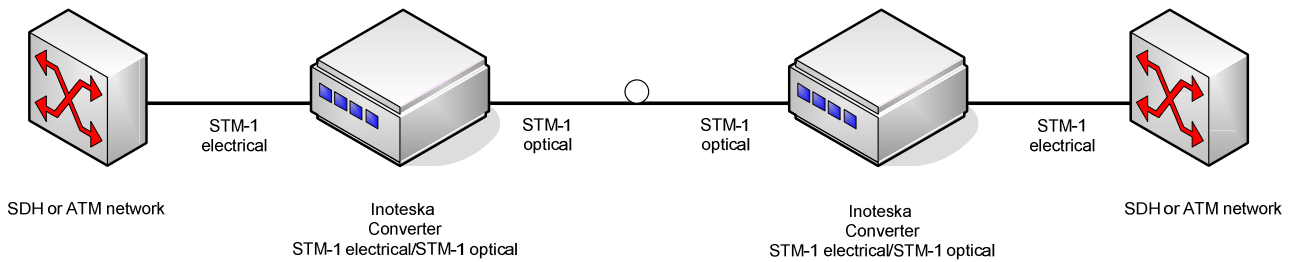
LF3 – on – loss of signal from optical line

LM4 – on – SFP module 4 missing

LC4 – on – loss of signal from electrical line

LF4 – on – loss of signal from optical line

Application:



Specification:

STM-1 electrical interface

Baud rate	155.52 Mbps
Standard	In accordance with V súlade ITU-T G.703
Impedance	75 Ohm resist.
Endurance range (signal)	1 + 0.1 V
Maxim. Attenuation	12.7 dB at 78 MHz
Jitter	According to ITU-T G.825
Line code	CMI
Connector	BNC (female)

STM-1 optical interface

Baud rate	155.52 Mbps
Standard	ITU-T G.957 STM-1
Line code	NRZ
Konektor	LC
Wave length	1310nm
Transmission type	Dual Fiber (standard) Single Fiber Bi-directional (optional)

Power supply

Input voltage	- 48V DC (- 36 to - 70V)
Current consumption	< 6 W

Operational conditions

Operational temperature	- 0°C ~ 50°C
Relative humidity	< 90% (non-condensing)