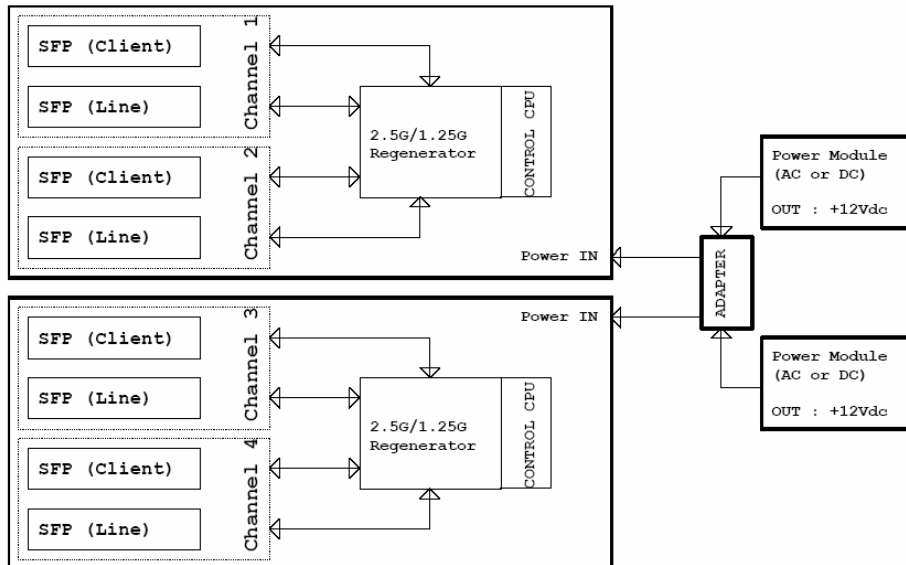


Installation Instructions for *Sigma Links 1000*

Rack mountable Transponder

Description

This is a 1RU rack mountable Transponder unit that provides four (4) channels of optical Lambda translation between the wavelengths of client side equipment and the wavelengths of CWDM line equipment. The Transponder rack is provided without SFP plug-in modules, which are optional and may use any industry standard module depending on each individual application. When fitted with 2.5G transceivers the rack provide transparent multi-rate conversion for any optical connection up to 2.5GHz.



Block Diagram of Transponder System

Specifications

General Features

Channel:	4 channel (2.5G).
Optical Connectors:	SFP-LC (Line Side) SFP-LC (Client Side)
Line Side Wavelength:	(depends on SFP transceiver module) 1471 / 1491 / 1511 / 1531 / 1551 / 1571 / 1591 / 1611
Client Side Wavelength:	(depends on SFP transceiver module) 1310 / 1550
LED Definitions:	Power LED OFF (No Power), ON (power on) Link LED (Line) OFF (link loss), ON (link) Link LED (Client) OFF (link loss), ON (link)
Power supply (for standalone use)	Power DC 36~72V AC 100~240V Power consumption <12W

Environment

Operating temperature	0 to +60 Degrees C [32 ~ 140 Degrees F]
Humidity	10-90% non condensing
Storage temperature	-40 to +80 Degrees C [-40 ~ 176 Degrees F]

Mechanical Specification

Dimensions	440mm (W) x 43mm (H) x 265mm (D) [17.375" x 1.75" x 10.5"]
Weight	3.2Kg [~7 lb.]

WARNING:

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instruction manual may cause harmful interference in which case the user will be required to correct the interference at his own expense. NOTICE: (1) The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. (2) Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.

CISPR PUB.22 Class A COMPLIANCE:

This device complies with EMC directive of the European Community and meets or exceeds the following technical standard. EN 55022 - Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment. This device complies with CISPR Class A.

WARNING:

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

CE NOTICE

Marking by the symbol CE indicates compliance of this equipment to the EMC directive of the European Community. Such marking is indicative that this equipment meets or exceeds the following technical standards: EN 55022:1994/A1:1995/A2:1997 Class A and EN61000-3-2:1995, EN61000-3-3:1995 and EN50082-1:1997