Synchronous Ethernet Clock Recovery PSECR-200

Perfect solution for wander testing on Synchronous Ethernet links during the installation and troubleshooting with traditional wander analyzer

Recovers the 2.048 MHz clock from Fast Ethernet and Gigabit Ethernet stream

Two independent systems in one box

100Base-TX copper interface for Fast Ethernet system

1000Base-T copper and 1000Base-XX optical interface
(depends of the SFP modules) for Gigabit Ethernet system

Fully transparent between Slave and Master interfaces

Extract and display the synchronization status message

PolyNet Telecommunications Consulting and Contractor Ltd.
H-1037 Budapest, Montevideo u. 3/B | Phone/Fax: +36 1 250 7726 | www.polynet.eu | Email: info@polynet.eu

Specifications

Fast Ethernet Interfaces

Number of Interfaces	Two (Master and Slave)
Connector Type	8P8C (RJ-45)
Interface Type	100Base-TX
Line coding	MLT-3
Timing parameters	According to ITU-T Rec. G.8262
Traffic Transparency	Fully transparent

Gigabit Ethernet Interfaces

Number of Interfaces	Two (Master and Slave)
Connector Type	SFP cage
Interface Type	Copper and Optical interfaces depends on the SFP types [1]
Timing parameters	According to ITU-T Rec. G.8262
Traffic Transparency	Fully transparent

[1] Special 1000Base-T copper SFP module are available

Sync Interfaces

Number of Interfaces	Two Outputs and One Input
Connector Type	1.6/5.6 75 Ohms coaxial
Interface Type	2.048 MHz according to ITU-T Rec G.703

Configuration Interface and Software

Number of Interfaces	One
Connector Type	DSUB-9
Interface Type	V.24 (RS232); 56.7kbps
Configuring software	Windows and Linux based software with GUI

Power Supply

Power Supply	5Vdc (2) [2]
Connector Type	DSUB-9

[2] 230Vac wall socket adaptor available

Weight and Size

Weight	0.45 kg
Size	105(W) x 38(H) x 160(D) mm

Environment

Operating temperature range	+5...+45 C
Storage temperature range	-20...+70 C

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