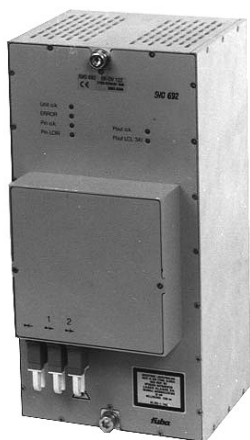


BK 600 Optical System

SVO 695A, EDFA DWDM



Optical Amplifier for 1550 nm



Application

- Transmission of CATV signals on
- standard single mode fibres
- (CCITT rec. G652) as inline or distribution amplifier

Features

- 980 and/or 1480 nm pump-laser diodes
- Erbium doped fibre amplifier technology
- constant gain/output power control
- input and output monitors
- high reliability design
- A/B alarm interface
- operational parameters software adjustable

Model Number		SVO 695A
Typical performance data		
Optical Output Power (one lambda)	[dBm]	1 x 13.0
Optical Output Power (8 lambda's)	[dBm]	1 x 4.0 (per λ)
Optical Wavelength	[nm]	1550 \pm 10
Optical Connector		E2000
Optical Return Loss	[dB]	50
Optical input power range	[dBm]	-13 ... +6
Constant gain	[dB]	12
Range constant gain	[dBm]	-13 ... +1
Range constant power	[dBm]	+1 ... +6
Noise figure at 0 dBm	[dB]	<5
CSO	[dBc]	-80
CTB	[dBc]	-90
A-alarm	[dBm]	<-13 (P-in)
B-alarm	[dBm]	< -9 (P-in)
Supply Voltage	[VDC]	24
Power Consumption	[W]	<15
Operating Temperature Range	[°C]	-10 ... +55
Size	[BK]	3

ORDERING INFORMATION

Optical Amplifier

Version Funeda Broadband Services by

SVO 695A

Connectors

E 2000

Ordering Number

BOA 113A