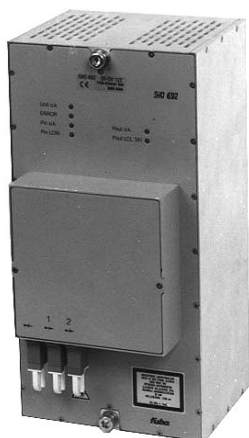


BK 600 Optical System

SVO 6xx-R, EDFA

Optical Amplifier for 1550 nm



Application

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

Features

- 980 and/or 1480 nm pump-laser diodes
- Erbium doped fibre amplifier technology
- constant output power control
- input and output monitoring
- high reliability design
- RS 485 NMS interface

Model Number		SVO 686	SVO 692
Typical performance data			
Optical Output Power	[dBm]	3x16.5	2x16.5
Optical Wavelength	[nm]	1550 ±10	1550 ±10
Optical Connector		any HRL type	any HRL type
Optical Return Loss	[dB]	50	50
Optical input power range	[dB]	-3 ... +6	-3 ... +6
Noise figure at 0 dBm input	[dB]	<5	<5
CSO	[dBc]	-80	-80
CTB	[dBc]	-90	-90
Supply Voltage	[VDC]	24	24
Power Consumption	[W]	<40	<30
Operating Temperature Range	[°C]	-10 ... +55	-10 ... +55
Size	[BK]	3	3

ORDERING INFORMATION		
Optical Amplifier	Connectors	Ordering Number
Version Fuba Nederland bv		
SVO 686	E 2000	BOA3165
SVO 692	E 2000	BOA2165

Also available:

- SVO 695-R: 1 x 13 dBm
- SVO 690-R: 2 x 13 dBm
- SVO 696-R: 3 x 13 dBm
- SVO 693-R: 4 x 13 dBm
- SVO 694-R: 6 x 13 dBm
- SVO 689-R: 8 x 13 dBm