

## OPTOLINK 800

### Optical transmitter – base unit

- 19" Base unit 1 RU with control unit and power supply and 2 slots for transmitter modules OTM 813-xx
- Flexible and service-friendly through modular construction, module slot on rear chassis
- User friendly and clean setup: signal connectors on rear chassis, displays and test points on front chassis
- Microprocessor controlled and display functions with alpha-numeric LCD display
- Addressable network management interface for remote control of modules and base unit
- Alarm signalization in case of fall-out with LED's



Type	OT 813	
Article No.	5700 1321	
Plug-in slots for transmitter modules	2	
NMS-Interface	RS 232/485	
Operating temperature	°C	+ 5 ... + 40
Testpoints	2 x F female	
Operating voltage	V~	230 (86 - 264)
Power consumption	W	50 (Base unit complete with 2 transmitter modules)
Dimensions	mm	19" 1 HE

### Transmitter modules for OT 813

- Transparent conversion of electrical signals (AM-TV, QAM, FM) to amplitude modulated optical fiber signals
- 1310 nm DFB laser, cooled, with electronic multi-point-predistortion - keeps intermodulation interference (CTB, CSO) low
- $\mu$ P-controlled level control (ALC) for uncomplicated electric operation with constant transmission parameters



Type	OTM 813-08	OTM 813-10	OTM 813-12	OTM 813-13.5
Article No.	5700 1322	5700 1323	5700 1324	5700 1325
Optical output power	8 (6 mW)	10 (10 mW)	12 (16 mW)	13,5 (22 mW)
Laser type	direct modulated DFB laser, cooled			
Optical wavelength	1310 $\pm$ 20			
RF frequency range	47 - 870			
RF input level	80 $\pm$ 3 (multiple channel load > 20 AM/TV channels)			
CNR	52 (10 Km fiber distance, receiver input 0 dBm)			
CTBR / CSOR	67 / 62			
RF flatness	$\pm$ 0,75			
Return loss	> 16 / 47-550 MHz, > 14 / 550-870 MHz			
Operating temperature	+ 5 ... + 40			
Fiber connector	SC/APC (FC/APC on request)			
RF connector	F female			