

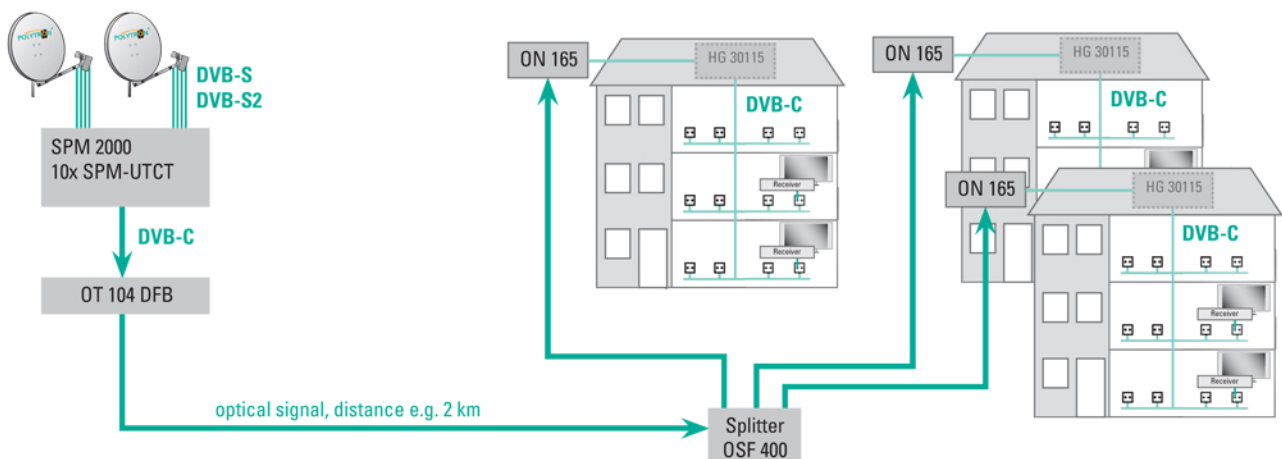
Optical transmitter

POLYTRON's optical transmitters are designed to build optical distribution systems. The optical transmitters operate with a distributed feedback laser. The senders' control is managed via buttons and a LC display in front of the device. The output power is 4, 8 resp. 20 mW.

- DFB-laser, wavelength 1310 nm (± 10)
- modulation: direct light intensity modulation
- optical connectors: FC-ACF / FC-SCP
- graphical LC display



Application



Type	OT 104 DFB	OT 108 DFB	OT 120 DFB
Article no.	9417050	9417080	9417090
Input			
Frequency range	45-860 MHz		
Input signal level	15-35 dBmV (75-95 dB μ V)		
AGC range	0-10 dB (MGC: 0-20 dB)		
CNR	> 50 dB		
CTB	> 62 dB		
CSO	> 60 dB		
Flatness	$\pm 0,75$ dB		
RF input impedance	75		
RF return loss	≤ -15 dB		
APC control precision	$\leq \pm 0,2$ dB		
Output			
Laser type	DFB laser		
Wavelength	1310 nm (± 20 nm)		
Output power	4 mW (6 dBm)	8 mW (9 dBm)	20 mW (13 dBm)
Test socket	-20 dB		
Power supply	176-264 V~		
Power consumption	12 W		
Dimensions	480 x 310 x 45 mm		
Weight	3,6 kg		