

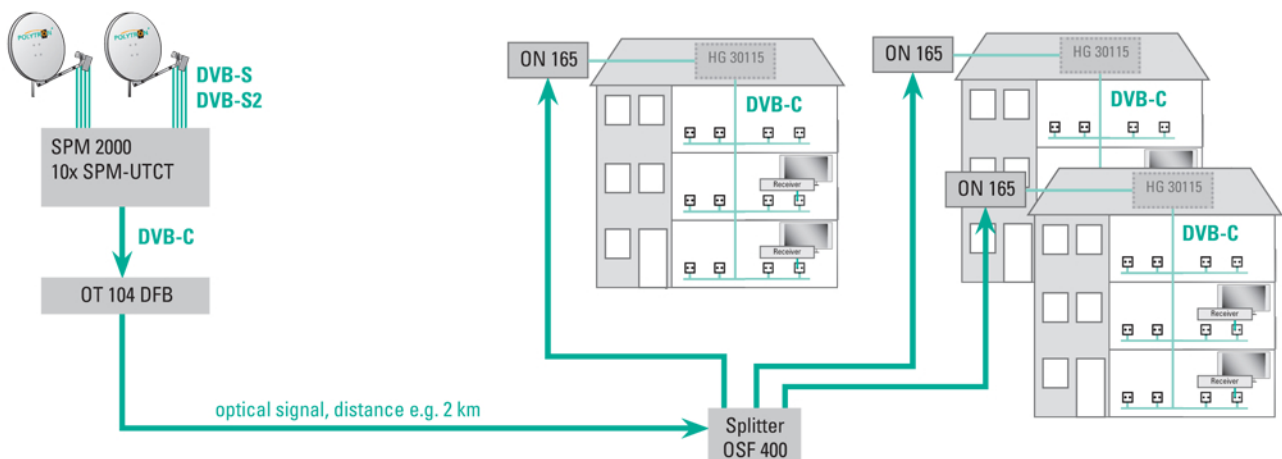
## Optical transmitter

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, 6, 8 resp. 20 mW.

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



## Application



Type	OT 104 DFB	OT 106 DFB	OT 108 DFB	OT 120 DFB
Article no.	9417050	9417060	9417080	9417090
<b>Input</b>				
Frequency range		45-860 MHz		
Input signal level		15-35 dBmV (75-95 dB $\mu$ 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		$\leq -15$ dB		
APC control precision		$\leq \pm 0,2$ dB		
<b>Output</b>				
Laser type		DFB laser		
Wavelength		1310 nm ( $\pm 20$ nm)		
Output power	4 mW (6 dBm)	6 mW (7,8 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		