CATV range equipment
Optical receiver

- compact optical receiver offering optimal price-performance ratio
- AGC based on optical input level
- 3xLED indication of optical input level
- die-cast housing
- connectors:
  RF output and test - type F
  optical - SC/APC



Technical specifications

T Y P E		OD005P
Ordering number		03801
Optical input	optical wave lenght	1100-1600 nm
	optical input level (AGC range)	-6 ...0 dBm
	optical return loss	> 40 dB
	noise current density	≤ 6.5 pA/√Hz
RF output	frequency range	47-862 MHz
	impedance	75 Ω
	return loss	≥ 14 dB at 40 MHz-1.5 dB/oct., but not less 10 dB
	frequency response	± 0.75 dB
	output level (AGC controlled, 4.9% OMI)	106 dBμV
	output level (CTB, EN50083-3)*	107 dBμV (42 ch.)
	output level (CSO , EN50083-3)*	107 dBμV (42 ch.)
	interstage attenuator	0-15 dB
	interstage equalizer	0/4/8 dB
	loss in test point	-30 ± 0.7 dB
Power consumption		230 V~ 50/60 Hz 7 W
Operating temperature range		-20° ÷ + 50° C
Dimensions/Weight (packed)		135x180x52mm/0.7 kg

* output level (CTB, CSO) is measured with 8 dB interstage equalizer

