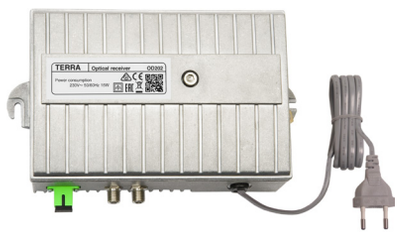
CATV range equipment
Optical receiver

- electronic setting of all parameters
- high output level
- AGC based on optical input level
- thermal compensation of RF output level drift
- digital indication of optical input level and other parameters
- die-cast housing
- connectors:
  RF output and test - type F
  optical - SC/APC



Technical specifications

T Y P E	OD202*
Optical wavelenght	1100-1600 nm
Optical input level (OLC range)	-9 ...2 dBm
Optical return loss	> 45 dB
Noise current density	≤ 6.5 pA/√Hz
Frequency range pr.	47-862 / 1006 MHz
Impedance	75 Ω
Return loss	≥ 18 dB at 40 MHz-1.5 dB/oct
Frequency response	± 0.75 dB
Output level (OLC controlled, 3.5% OMI)	117 dBμV
Output level CTB, CSO (EN60728-3)**	117 dBμV (42 ch.)
Interstage attenuator pr.	0-15.5 dB by 0.5 dB step
Interstage equalizer pr.	0-15.5 dB by 0.5 dB step
Loss in test point	-20 dB ± 0.7 dB
Power consumption	230 V~ 50/60 Hz 15 W
Operating temperature range	-20° ÷ + 50° C
Dimensions/Weight (packed)	213x138x76 mm/1.35 kg

* ordering information:

Type	Connector IN	Ordering number
OD202 H	SC/APC	02828

** output level (CTB, CSO) is measured with 9 dB interstage equalizer, OMI 3.5%, OLC on, 1310 nm, @-3 dBm

pr. software control

