TERRA

CATV range equipment

Optical receiver

CABRIOLINE

- very compact optical receivers for cost sensitive installations with extended frequency range 1002 MHz
- electronic setting of all parameters
- AGC based on optical input level
- digital indication of optical input level and other parameters
- connectors:
  RF output - type F
  optical - SC/APC



Technical specifications

TYPE		OD003
Ordering number		02843
Optical input	optical wave lenght	1100-1600 nm
	optical input level (AGC range)	-10 ...-3 dBm
	optical return loss	> 40 dB
	noise current density	≤ 8.0 pA/√Hz
RF output	frequency range	47-1002 MHz
	impedance	75 Ω
	return loss	≥ 16 dB at 40 MHz-1.5 dB/oct
	frequency response	± 0.75 dB
	output level (AGC controlled, 4.9% OMI)	80 dBμV
	output level CTB (EN50083-3)	85 dBμV (42 ch.)
	output level CSO (EN50083-3)	82 dBμV (42 ch.)
	interstage attenuator pr.	0-15 dB by 1 dB step
Power consumption		230 V~ 50/60 Hz 4 W
Operating temperature range		-20° ÷ + 50° C
Dimensions/Weight (packed)		133x73x39 mm/0.36 kg

pr. software control

