



CATV range equipment

Micro optical receivers

- designed for fiber to the home FTTH
- ultra compact optical receivers offering optimal price-performance ratio
- AGC based on optical input level
- extremely low power consumption could be powered from USB port
- built-in WDM filter 1550 nm (for OD006-55 only)
- 3xLED indication of optical input level
- robust die-cast housing
- connectors:
DC IN for optical receiver feeding - micro USB connector
RF output - type F
optical - SC/APC



Technical specifications		OD006	OD006-55
T Y P E			
Ordering number		03803	03804
Optical input	optical wave length	1100-1600 nm	1550 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		47-1006 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)		80 dBμV
	output level CTB (EN60728-3)		80 dBμV (42 ch.)
	output level CSO (EN60728-3)		80 dBμV (42 ch.)
Power consumption			DC 5V 0.1 A
Operating temperature range			-20° ÷ + 50° C
Dimensions/Weight (packed)			72x53x19 mm/0.08 kg