

CATV Optical Receivers OR10/OR20/OR30

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We are building CATV equipment since 1992. We have very good reputation among our clients due to the good quality of our products.

Our new line of optical receivers is built for small to large size CATV networks. Our optical receivers are growing in popularity due to their reliability and high quality.

Affordable price

The price of our optical receivers is the best you would find on the market, keeping the same high quality is the main goal of the company. We do not spare any effort in continuously improving the products.



FEATURES

- Frequency range 40 MHz ÷ 870 MHz
- Excellent TV channels quality – Digital or Analogue
- Flexible and reliable built in power supply
- Gain control (OR30)
- 106 dB/uV – Output level (OR30)
- Affordable price

Analogue or digital CATV

Using optical receivers to feed the RF signal to the clients lets you use both analogue and digital TV keeping your network versatile and flexible to new and old customers.



Choosing Optical Receiver

Please, look at our optical receivers comparison chart to choose the best optical receiver that will fit your needs.

Choosing the right CATV Optical Receiver?

Optical Receivers Comparison chart		OR10	OR20	OR30
RF Parameters	Output Level	92 dB/uV (0 dBm)	102 dB/uV (0 dBm)	106 dB/uV (-8 dBm ÷ +2 dBm)
	Automatic Gain Control (AGC)	NO	NO	YES
	Frequency Range	40 MHz ÷ 870 MHz	40 MHz ÷ 870 MHz	40 MHz ÷ 870 MHz
	Input Impedance	75 Ω	75 Ω	75 Ω
	Flatness	± 1dB	± 1dB	± 1dB
	Attenuator	0 dB ÷ -20 dB	0 dB ÷ -20 dB	0 dB ÷ -20 dB
	Connector	F connector	F connector	F connector
Optical Parameters	Input Optical Power	-8 dBm ÷ +2 dBm	-8 dBm ÷ +2 dBm	-8 dBm ÷ +2 dBm
	wavelength	1260 nm ÷ 1610 nm	1260 nm ÷ 1610 nm	1260 nm ÷ 1610 nm
	Optical Return Loss	45 dB	45 dB	45 dB
	Connector	SC/APC	SC/APC	SC/APC
	Optical Level Led Indicators	-4 dBm ÷ +2 dBm	-4 dBm ÷ +2 dBm	-4 dBm ÷ +2 dBm
Power supply	Input Voltage DC	25 ÷ 95 Vdc	25 ÷ 95 Vdc	25 ÷ 95 Vdc
	Input Voltage AC	16 ÷ 70 Vac	16 ÷ 70 Vac	16 ÷ 70 Vac
	Power consumption	7,5 VA	7,5 VA	9 VA
Mechanical	Size	195mm/155mm/38mm	195mm/155mm/38mm	195mm/155mm/38mm
	Weight	400 g	400 g	430 g
	Mounting	Horizontal/Vertical(Optional)	Horizontal/Vertical(Optional)	Horizontal/Vertical(Optional)