

# OP710 ANX

## Multichannel Optical to Electrical Converter

### Overview

#### Multichannel O/E Converter

The **OP710ANX** incorporates individual channels of optical to electrical converters and resembles an easy to implement multichannel O/E converter for applications such as detecting and monitoring of optical signals.

The **OP710ANX** is available starting at 8 channels up to 24 channels and with InGaAs detectors for wavelengths between 800nm to 1700nm or Silicon detectors for wavelengths between 400nm to 1000nm.



Model OP710-24-IN-FC Multichannel Optical High Power Meter with 24 InGaAs detector, all fixed FC/PC Interface

### Features

#### High bandwidth multichannel O/E Converter

With a bandwidth of minimal 10MHz this O/E Converter finds many applications on high speed monitoring of optical signals.

#### Two Gain Settings

The second stage gain can be switched from 1X to 10X via the front panel or USB command for each channel individually.

#### Covenient 19" Rack Mount solution

With the optical inputs in front and the electrical outputs in the back this is an ideal configuration for rack mount test solutions where the electrical signal is processed further with third party AD converter modules.

CC = number of channels		OP710ANX-CC-IN-FC	OP710ANX-CC-SI-FC
Detail Specifications	Individual Channels (other counts available)	8 to 24	
	Optical Power Range	+3 dBm ...-45dBm	
	Wavelength Range	830nm ... 1700nm	480nm ... 1080nm
	Linearity	+/- 0.1 dB	
	Measurement Bandwidth	>1 MHz	
	Electrical Output	Max. +/- 2.5V into 1 K=kOhm, Backpanel mounted SMA connectors.	
	Data Interface	USB 1.1/2.0	
	Operating Temperature Range	0 °C to 50 °C (32 °F to 121 °F)	
	Mechanical Dimension	19" Rack Standard (16.8 x 3.8 x 10")	
	Optical Interface	Fixed ST, FC or SC	

Specifications are subject to change, please confirm specific performance characteristics of the product at the time of ordering. All specifications are valid within temperature range of 18° C to 24°C unless otherwise noted.