



FEATURES:

1. Small size, flexible and convenient for assembly ;
2. Optical Receiver Range: -10~+2 dBm ;
3. Frequency : 45~1000MHz ;
4. Wavelength : 1300 ~ 1600nm
5. Passive component

Product Description:

OP1000 is an analog optical receiver device , which meets the draft of the National Standard for Radio and Television Fiber to the Home (FTTH) and can help to finish the conversion from optical signal to electrical signal.

Characteristics:


(bandwidth: 45 to 1000MHz; $T_{mb}=25^{\circ}C$, $V_B=0V$, $Z_s=Z_L=75\Omega$)

SYMBOL	Parameters	Unit	MIN	TYP	MAX	Condition
PIN	Optical receive conversion	V/W	0.85	-	-	$\lambda=1300nm-1600nm$
FL	Flatness of frequency response	dB	-	± 1	-	$f=45$ to 1000 MHz
V_o	Output level	dBuV	38	-	40	Optical receive Powr $P_{opt}=-10dBm, f=550MHz,$
TA	Temparature ambient	$^{\circ}C$	-20	-	+70	

Outlook & Connection:



1. Connection

Connector	
Input	SC/APC Optical fiber input interface
Singal Out	F connector in British system, male
Power supply	Passive device

2. Mechanical Size & Package

Structural form	Plastic structure
Size	48.2*13.2*10.2mm
Color	White
Package Material	K9A-Kraft paper
Package Size	127*123*34mm
Net weight	30g

