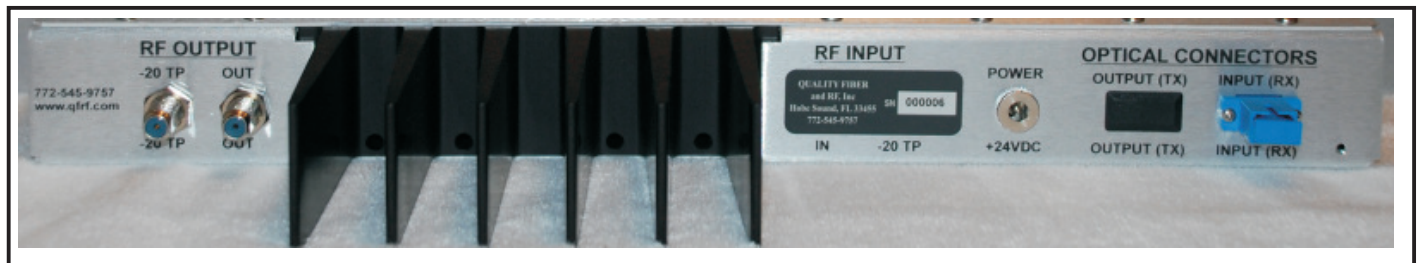


# ORR1000

## OPTICAL RACKMOUNT RECEIVER 1000

### 1 GHz Fiber Receiver



### \*\* Features \*\*

- Integrated Optical Power Meter
- External Switching Wall Power Supply
- Wide Range Input -5 to +3 dBm
- Slope and Gain Controls
- +48dBmV Typical RF Output
- Return Path TX Options
- DOCSIS 3.0 Field Upgradable
- Very Low Noise and Distortion

#### ORDERING INFORMATION:

ORR 1000 - 48 - SA - DFB

- 1 = Frequency Range:  
1000=1 GHz GaAs Power Doubled
- 2 = Output Level:  
26 = 26 dBmV  
48 = 48 dBmV
- 3 = Connector:  
SA= SC/APC  
SU= SC/UPC
- 4 = Return Option:  
DFB= 2mw DFB  
FP=1mw FP

ORR1000	Power Doubled GaAs
Bandwidth (MHz)	1 GHz
Freq. Response (dB)	± 0.5
Channel Loading	79 Analog + 450 MHz Digital
Gain Cont. Range	20dB
Slope Cont. Range	18dB
Optical Input Level	-5 to +3 dBm
Output Levels	48 dBmV typical
<b>Distortions:</b>	
Comp. Tr. Bt. (-dB)	82
Comp. 2nd Ord. (-dB)	77
Carrier to Noise (dB)	53
Return Loss (dB) worst case	15
DC Amperes @ 24 VDC	.67
Power Dissipation (AC Watts)	20