4 OPTICAL INPUT REDUNDANCY TRANSCEIVER





Features

- Four Optical input - Redundancy
- One Optical Output - 1550nm
- Improved SNR level
- Optical AGC on All input ports
- I/P Power monitoring & Alarm
- Signal Regeneration
- Fully Automatic

Application

- WDM EDFA FTTH Networks
- Cascaded PON
- CATV Optical Network
- Live Transmission

Benefits

- Quick Fault Detection
- Network Health Monitoring
- Reduce the Network MTTF
- Any ware Monitoring

Mechanical

Type : Indoor

Enclosure : Aluminium

Mounting : 1U Rack Mounting

Top : -10 to 55 Dec C

DC Jack : 2 mm X 5.5mm

Dimension: 490mm X 360mm X 50mm
(L B H)

Weight : 4Kg

Specification

Optical - Input

Input : +2dBm to -6dBm
(A,B,C,D)

Wave Length : 1525 - 1565nm

Connector : SC/APC

R.F Bandwidth : 50Mhz to 900Mhz

Optical - Output

Wave Length : 1550nm

Laser : CW DFB - Coaxial

Power : +8dBm

Connector : SC/APC

Link Gain : ± 1.5dB(R.F)

Display

Input Optical power display - Yes

Active Port Status - LED

LASER ON - LED

System Impedance

75 Ohm

Electrical

Input Voltage : 12VDC

Power: 10 Watt

Remote Monitoring HW – Optional

Connection : LAN/Wi-Fi

Device ID : Independent MAC

Server : Private –AMPTRONIX

Multiple Access : Yes

Truth Table

PORT A	*PORT B*	*PORT C*	*PORT D*
*A**	*X*	*X*	*X*
#	*A**	*X*	*X*
#	#	*A**	*X*
#	#	#	*A**

A*- Active under condition (power >=-6dbm)

X – Don't care
- NO connection (or) power <-6dbm

Remote Monitoring - Optional

1.Enabled port
Yes

2.Real time optical power displayed in dBm
Input Ports - A,B,C,D

3.R.F Modulation
Displayed

4. Device Health Status
Displayed

5. Incoming Fiber routing
Manual – Google map

6. Device Location
Manual – Google Map

7. Alarm
Yes - Push Notification
Input failure & Reconnect

Packaging Contents:

Redundancy Optical Transceiver - 1No
Power Adopter - 1No

Ordering Information

Model No: ARTR-04L - With LAN Monitoring

: ARTR-040 - Without LAN Monitoring

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Notes