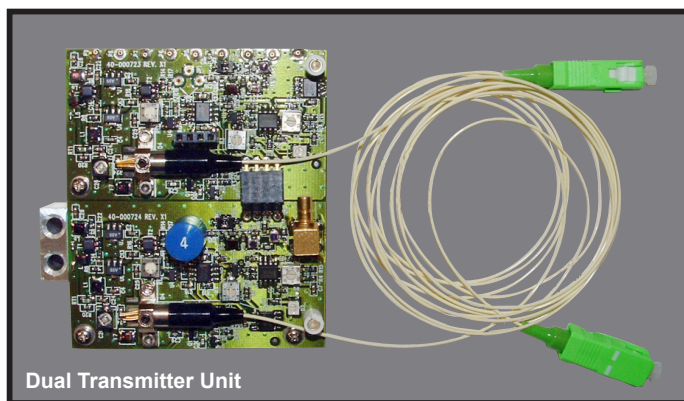


Arris/Antec LLRX400 Single & Dual Return Path Transmitters:

Features & Benefits:

- ▶ 1310nm, 1550nm or CWDM, DFB-based return path transmitter module
- ▶ Designed to perform better than or equal to the original manufacturer's model
- ▶ Replace failed legacy return path transmitters or improve return path performance by replacing existing F-P transmitter module with a DFB transmitter module
- ▶ Single/Dual transmitter modules allow for immediate legacy module replacement or upgrade
- ▶ Convenient DC test point provides indicator of optical output power (1V/mW)
- ▶ Low power consumption & good heat dissipation increases service life & reliability



LLRX400 Return Path Transmitter Specifications

SPECIFICATIONS		RETURN TRANSMITTERS: DFB & CWDM
FREQUENCY RESPONSE (+/- 1.0 dB)		5-220 MHz
NPR (DFB/CWDM)*		> 15 dB over 41 dB NPR*
INPUT RETURN LOSS		> 16 dB
OPTICAL OUTPUT PARAMETERS		
OPTICAL OUTPUT (DFB)		1.0, 2.0 or 3.0mW @ 1310nm / 2.5mW @ 1550nm CWDM
RETURN LOSS		> 60 dB with APC Connectors
OPTICAL CONNECTORS		SC/APC; FC/APC; SC/UPC; FC/UPC
USER INTERFACE		
OPTICAL OUTPUT LEVEL		1V/mW
ELECTRICAL, ENVIRONMENTAL & MECHANICAL PARAMETERS		
OPERATING TEMPERATURE		-40°C to +70°C (-40°F to +158°F) (temperature at mounting plate)
HUMIDITY		20%-55% (without condensation, inside housing)
POWERING		12 VDC
PHYSICAL		
DIMENSIONS		3.15"H x 3.0"W x 1.57"D (8.0H x 7.6W x 4.0D cm)
WEIGHT		0.33 lbs (0.15 kg)
NOTE:		
* As measured with 10 dB of fiber and 6 channel 37 MHz loading, with +11 dBmV per channel RF input.		

Arris/Antec LLRX400 Single & Dual Return Path Transmitters:

Ordering Information

Return Path Transmitter Modules:

1310nm DFB

HERX13

- 1 = 1mW
- 2 = 2mW
- 3 = 3mW

SA = SC/APC
 SU = SC/UPC
 FA = FC/APC
 FU = FC/UPC

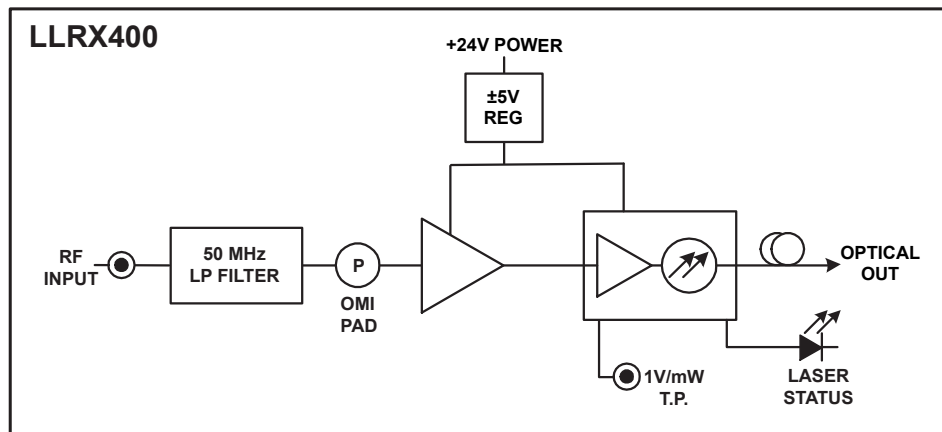
1550nm and CWDM DFB, 2.5mW

HERX 2.5

- SA = SC/APC
- SU = SC/UPC
- FA = FC/APC
- FU = FC/UPC

15 = 1550nm
 47 = 1470nm
 49 = 1490nm
 51 = 1510nm
 53 = 1530nm
 55 = 1550nm(CWDM)
 57 = 1570nm
 59 = 1590nm
 61 = 1610nm

Functional Schematic



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Specifications subject to change without notice.