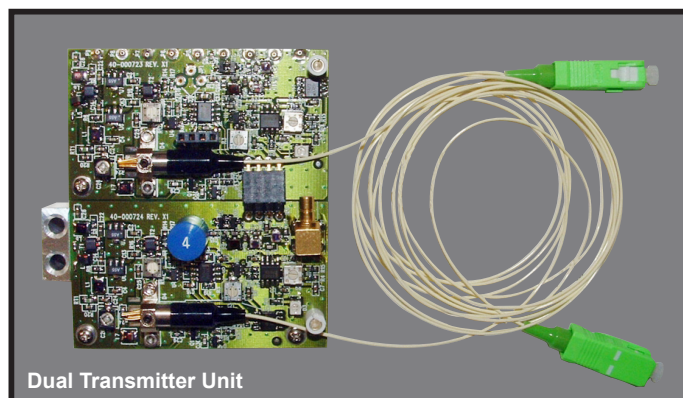


Arris/Antec* LLRX400 Single & Dual Return Path Transmitters:

Features & Benefits:

- ▶ 1310 nm, 1550 nm 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



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 3.0 mW @ 1310 nm / 2.5 mW @ 1550 nm 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 RANGE	-40°C to +70°C (-40°F to +158°F) (temperature at mounting plate)
POWERING	12 VDC
NOTE:	
* As measured with 10 dB of fiber and 6 channel 37 MHz loading, with +11 dBmV per channel RF input.	

*The product and company names above are the property of their respective owners in the United States and/or other countries.

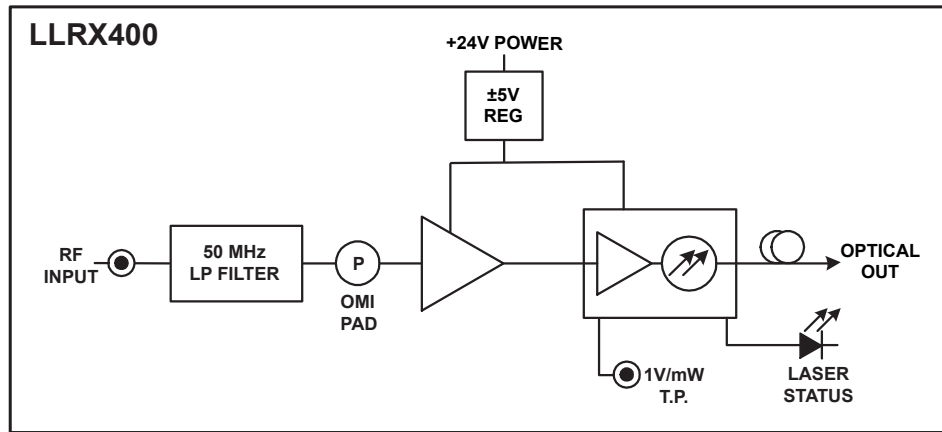
Arris/Antec* LLRX400 Single & Dual Return Path Transmitters:

Ordering Information

Return Path Transmitter Modules:

<p>1310 nm DFB</p> <p>HERX13</p> <ul style="list-style-type: none"> 1 = 1 mW 2 = 2 mW 3 = 3 mW <ul style="list-style-type: none"> SA = SC/APC SU = SC/UPC FA = FC/APC FU = FC/UPC 	<p>1550 nm and CWDM DFB, 2.5 mW</p> <p>HERX 2.5</p> <ul style="list-style-type: none"> SA = SC/APC SU = SC/UPC FA = FC/APC FU = FC/UPC <ul style="list-style-type: none"> 15 = 1550 nm 47 = 1470 nm 49 = 1490 nm 51 = 1510 nm 53 = 1530 nm 55 = 1550 nm(CWDM) 57 = 1570 nm 59 = 1590 nm 61 = 1610 nm
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Functional Schematic



Specifications subject to change without notice.