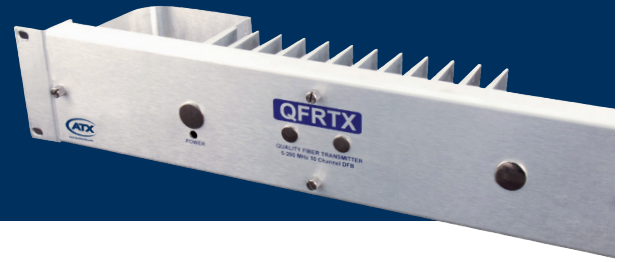


Q-SERIES® Optical

Fiber Optic Products



QFRTX Optical Fiber Transmitter:

Features:

- ▶ 2RU units are available in both 1310nm & 1550nm DFB 200 MHz versions
- ▶ 3 dBm optical output
- ▶ Optional RF gain block for RF input
- ▶ Pad & EQ sockets for RF input
- ▶ UL transformer & +24 VDC powering
- ▶ RF drive amplification available in various optional configurations
- ▶ Connector type available in SC/APC or SC/UPC
- ▶ Utilizes external Class II 120 to 26 VAC, 60 Hz power transformer
- ▶ Additional DC powering ports (+24 VDC) provided for applications requiring alternate or backup power



QFRTX (front view)



QFRTX (rear view)



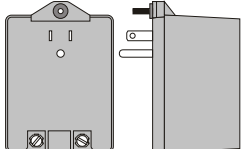
QFRTX (rear view with plate guard)

QFRTX Specifications

SPECIFICATIONS	5-200 MHz
FREQUENCY RESPONSE	+/- 0.5 dB
CHANNEL LOADING	32 Analog
INPUT RF GAIN CONTROL	Pad
INPUT RF SLOPE CONTROL	EQ
INPUT RF GAIN BLOCK	n/a
LASER TECHNOLOGY	DFB 1310nm/1550nm
OPTICAL OUTPUT LEVELS	2mW
DISCRETE 2nd ORD. (-dB)	-56
RETURN LOSS (Worst Case)	14 dB
DC AMPERES @ 24 VDC	.22
POWER DISSIPATION (Watts) ⁽¹⁾	8
OPERATING TEMPERATURE	0°C to +50°C (+32°F to +122°F)
HUMIDITY	20%-55% (without condensation)
DIMENSIONS	3.5"H x 19.0"W x 3.4"D (8.89H x 48.26W x 8.64D cm)
WEIGHT	7.0 lbs (3.18 kg)
NOTE:	
(1) Power dissipation is measured at 120 VAC.	

QFRTX Optical Fiber Transmitter:

Ordering Information

Example Part Number: QFRTX200 SA - 22 DFB13/DFB15					
	<table border="0"> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">2</td> <td style="text-align: center;">3</td> <td style="text-align: center;">4</td> </tr> </table>	1	2	3	4
1	2	3	4		
<p>1: Bandwidth: 200 = 200 MHz</p> <p>2: SA = SCAPC (Green) SU = SCUPC (Blue) (Other Connectors Available)</p> <p>3: Input RF Gain Block in dB</p> <p>4: Laser Technology: DFB13 = 1310nm DFB15 = 1550nm</p>					
Part Number	Description				
Options & Spares					
DTS240250UC-PS-ET	External Universal AC Power Supply, 100-240 VAC, 47-63 Hz Input, 24 VDC Output				
Part #951 (order for spares)	120 Volts to 26 Volts, 60 Hz AC Power Transformer, 50 VA Rating				
<p>#951 Transformer</p> 					

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Specifications subject to change without notice.

