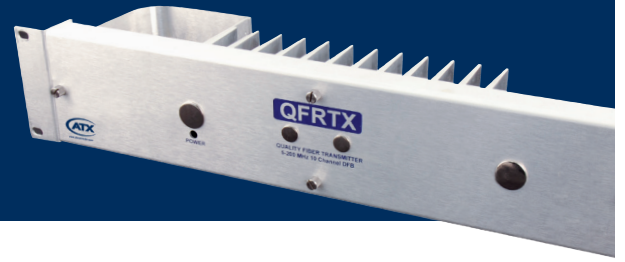


# Q-SERIES® Optical

## 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)



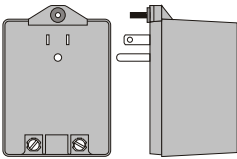
QFRTX (rear view with plate guard)

### QFRTX Specifications

SPECIFICATIONS	5 to 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	2 mW
DISCRETE SECOND ORDER (-dB)	-56
RETURN LOSS (Worst Case)	14 dB
DC AMPERES @ 24 VDC	.22
POWER DISSIPATION (Watts) <sup>(1)</sup>	8
<b>NOTE:</b> (1)Power dissipation is measured at 120 VAC.	

## QFRTX Optical Fiber Transmitter:

### Ordering Information

<b>Example Part Number: QFRTX200 SA - 22 DFB13/DFB15</b>	
	1    2    3    4
1: Bandwidth: 200 = 200 MHz	
2: SA = SCAPC (Green) SU = SCUPC (Blue) (Other Connectors Available)	
3: Input RF Gain Block in dB	
4: Laser Technology: DFB13 = 1310nm DFB15 = 1550nm	
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
#951 Transformer	
	
Shipping Weight	7 lbs (3.18 kg)
Dimensions	3.5"H x 19.0"W x 3.4"D (8.89H x 48.26W x 8.64D cm)

Specifications subject to change without notice.

