



BOTX "X" SERIES

FORWARD OPTICAL TRANSMITTER 1310nm



TECHNICAL SHEET

1.0 PRODUCT DESCRIPTION

The X Series Forward Optical Transmitter 1310nm is U.S. engineered. It utilizes the finest components (Ortel Lasers) and quality control in the industry. Only BroadStar-Optics can give you more quality and features.

2.0 FEATURES

- LCD Panel for quick status reference
- High Efficiency laser, pre-distortion adjustment CSO < 8dBmV
- AGC Option
- External Test Points
- Redundant - Automatic Switch - Dual Power Supply (optional)
- SNMP Option available

3.0 TECHNICAL INDEX

PERFORMANCE		INDEX	SUPPLEMENT
Wavelength	(nm)	1310±10	
Output Power	(dBm)	4-24	
Return Loss	(dB)	~55	
Optical Fiber Connec.		SC/APC	Optional FC/APC
Work Bandwidth	(MHz)	45-862	
Input Level	(dBmV)	15-25	AGC
Flatness	(dB)	~±0.75	45-862MHz
Return Loss	(dB)	>16	45-750MHz
Input Impedance	(Ω)	75	
RF Interface		F Type	Optional Imperial
Transmit Channel		NTSC	
CNR	(dB)	~52	10Km Optical Fiber
CTB	(dB)	~67	
CSO	(dB)	~63	
Network Interface Port		RJ45, RS232	Support I.E. & SNMP
Power Supply	(V)	90-265VAC	-48VDC Optional
Power Consume	(W)	~50	Single Power Works
Work Temp	(OC)	-5/-65	Machine Temp Control Automatically
Storage Temp	(OC)	-40-85	
Operating Relative Humidity	(%)	5-95	
Size	(")	19x10x1.75	(W)x(D)x(H)

3.0 ORDERING MATRIX:

BOTX - X- _2_

2- Place the dB Value

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