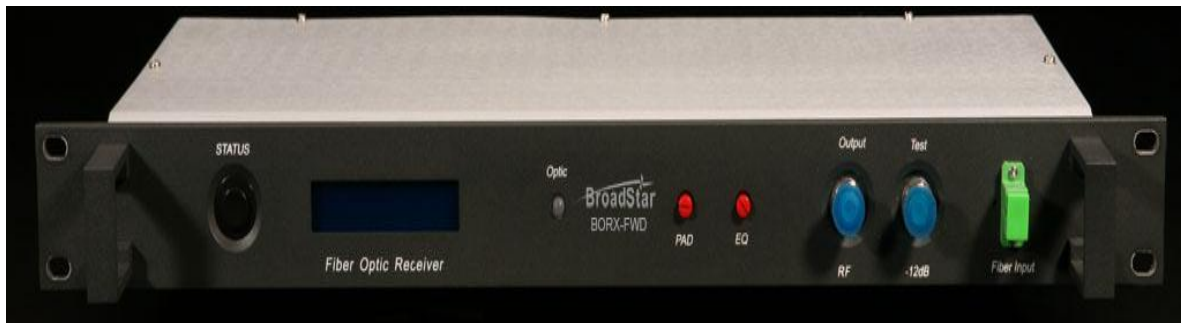




BORX-FWD

**Optical Forward Receiver
Quad w/ Four (4) RF outputs**



TECHNICAL SHEET

1.0 DESCRIPTION

The BORX-FWDQ in-door forward optical receiver, with two RF outputs, utilizes a low noise optical receiving module. The optical receiver utilizes low noise impedance for optimum performance circuitry to facilitate carriage of upstream video, data, telephony and internet Docsis 3.0 traffic in any network environment.

All of the operating parameters are controlled by microprocessors and are displayed at the LCD Screen on the front panel

2.0 FEATURES

- * Premium quality forward receiver
- * 1310nm - 1600nm Receive Spectrum
- * Two RF outputs for greater flexibility
- * Two external test points
- * Universal power 120-240v

3.0 TECHNICAL INDEX

Performance			Index
Optic feature	Wavelength	(nm)	1310 - 1600
	Receiving power	(dBm)	-5~+3
	Return loss	(dB)	≥55
	Optical connector		SC/APC or FC/APC
RF feature	Work bandwidth	(MHz)	45~862
	Output level	(dBmV)	≥42 (-1dBm receive)
	Flatness	(dB)	≤±0.5
	Output level adjustable	(dB)	0~20(MGC)
	Return loss	(dB)	≥16(750MHz)
	Output impedance	(Ω)	75
Link feature	Test channel		NTSC/59ch
	CNR	(dB)	≥52 (10Km fiber, -1dBm receive)
	CTB	(dB)	≤-67
	CSO	(dB)	≤-62
General feature	Power supply	(V)	90~265VAC (-48VDC selectable)
	Power Consume	(W)	≤50 (Single power work)
	Work temp.	(°C)	-5~65(Machine temp.Control automatically)
	Storage temp.	(°C)	-40~85
	Relative humidity	(%)	5~95