

Architectural Specification for the Intelix VGA-HR Active VGA Balun

The unit shall be a rack-mountable balun that transmits UXGA (1600 x 1200) signals up to 350 feet via unshielded twisted pair cable, such as Cat 5. The maximum distance of the unit shall be 350 feet. The video amplifier bandwidth shall be 350 MHz. The actual bandwidth shall be 120 MHz. The focus of the unit shall be 25 to 450 feet. The input video signal shall be 1.2 Volts p-p. The power supply shall be a 5 VDC unit, external wall wart style. The unit shall be powered on the source end. The power consumption for the unit shall be 1 Amp. The connectors on the send unit shall be HD15 male and RJ45 female with DIN mini power jack connectors. The connectors on the receive unit shall be HD15 female and RJ45 female with four dip switches for color adjustment. The unit shall be an Intelix VGA-HR active VGA balun.