

Architectural Specification for the Intelix Active DVI Balun

The unit shall be a balun set which transmits a DVI signal up to 150 feet over two Cat 5 cables. One of the Cat 5 cables shall be shielded. The maximum distance of the unit shall be 150 feet. The video amplifier bandwidth shall be 1.65 GHz. The single link range of the unit shall be 1080P/1920 x 1200. The input video signal shall be 1.2 volts p-p. The DDC signal shall be 5 volts p-p(TTL). The input connectors on the send unit shall be one Molex 24 pin female DVI-I connector and two RJ45 connectors. The output connectors on the receive unit shall be one Molex 24 pin female DVI-I connector and two RJ45 connectors. The unit shall be powered by an external 5 VDC power supply on the send end. The max power consumption shall be 15 watts. The unit shall be an Intelix active DVI balun.