



Active VGA Balun II (500140)

Architectural and Engineering Specification

VGA video transmission via unshielded twisted pair Cat5e/6 cable shall be provided by utilizing MuxLab's Active VGA Balun II Kit (500140). Model 500140 shall be a kit that includes one (1) transmitter, one (1) receiver and two (2) power supplies. The transmitter female 15HD connector shall be used on VGA equipment that has a VGA cable connecting between the VGA source and the transmitter. The receiver featuring a female 15HD connector shall be used on VGA equipment that has a VGA cable to connect between the receiver and the monitor. The 500140 shall be used as a kit and shall be capable of transmitting VGA on Category 5e/6 twisted pair cable up to 600 ft via Cat5e/6 @ 1920 x 1440 resolution. The transmitter and receiver balun shall each also have one (1) local VGA monitor port and one (1) shielded RJ45 jack for attachment to the Cat5e/6 cable. The 500140 shall be capable of being connected with only one (1) power supply when Cat5e/6 cable between the transmitter and receiver is less than 150 ft and will provide ground loop isolation. The Active VGA Balun shall have independent gain and sharpness adjustments on the receiver that is set according to cable length and resolution. The 500140 shall work with laptops, plasma screens, LCD TVs, projectors, desktop PCs, distribution amplifiers, switchers and other VGA equipment.