



The Intelix AVO-VGA balun set transmits VGA video passively over standard unshielded twisted pair cable, such as Cat 5, Cat 5e or Cat 6. The AVO-VGA eliminates costly and bulky VGA cable, and extends video transmission distances.

The AVO-VGA is ideal for education, government, house of worship, corporate, residential, and any other application requiring extended VGA video distribution. **Design with Intelix and Design with Intelligence.**

Technical Specifications

Maximum Distance*	VGA (640x480 pixels): 450 feet SVGA (800x600 pixels): 350 feet XGA (1024x768 pixels): 250 feet SXGA (1280x1024 pixels): 200 feet	Grounding	Grounding screw for optional use
Input Signal	Video: 1.1 Vp-p Sync: TTL standard; 300 kHz max	Enclosure	Shielded metal housing
Bandwidth (3 dB)	DC to 60 MHz	Unshielded Twisted Pair Cabling Specifications (24 gauge or lower solid copper)	Maximum capacitance: 20 pf/foot Impedance: 100 ohms @ 1 MHz Attenuation: 6.6 dB/1000 ft. @ 1 MHz <i>Cat 5, Cat 5e, Cat 6, Cat 7 compatible</i>
Insertion Loss	<3 dB per pair over the frequency range	Temperature	Operating: 32 to 131 F (0 to 55 C) Storage: -4 to 185 F (-20 to 85 C) Humidity: up to 95%
Return Loss	-15 dB maximum from DC to 60 MHz	Dimensions	4.3" x 2.5" x 1.0"
Common Mode Rejection	15 kHz: -60 dB maximum 100 kHz to 10 MHz: -40 dB maximum 100 MHz: -20 dB maximum	Shipping Weight	1.0 lbs
Impedance	Input: RGB 75 ohms Output: RGB 100 ohms	Mounting	compatible with Intelix AVO-CLIP and DIN-RACK-KIT 19" rack tray
Connectors	Send: One female HD15 to one shielded RJ45 Receive: One female HD15 to one shielded RJ45	Ordering Information	<i>AVO-VGA</i> : includes one AVO-VGA-S send balun and one AVO-VGA-R receive balun
RJ45 Pinout	Pins 4 and 5: Green (balanced) Pins 1 and 2: Red (balanced) Pins 7 and 8: Blue (balanced) Pins 3 and 6: Horizontal and vertical sync (unbalanced)	Included Accessories	(1) 3' male HD15 to male HD15 cable
		Warranty	Two years

*Distances and picture quality may be affected by cable grade, cable quality, source and destination equipment, RF and electrical interference, and cable patches. Intelix specifications are based on straight-through cabling with standard-grade Cat 5.

