



The Intelix VB Balun transmits broadband video signals via Cat 5 unshielded twisted pair (UTP) cable. Used in pairs, the VB transmits 120+ channels (850 MHz) in CATV spectrum and is ideal for cable TV distribution and media retrieval systems.

The VB provides a low-cost, versatile cabling solution for any cable TV application, utilizing a building's existing structured cabling system.

Technical Specifications

Bandwidth	20 MHz to 850 MHz CATV to 120+; off-air channels 2 to 75	Connectors	Female F to RJ45
Impedance	75 ohms unbalanced to 100 ohms balanced	Pin Configuration	Pins 4 & 5
Maximum Input	36 dBmV (Cat 5)	Environment	Cable TV Distribution, Media Retrieval Systems, Schools, Churches, Production Monitoring, Security and Surveillance, Displays, Smart Homes, Teleconferencing
Insertion Loss	3 dB up to 350 MHz; 5 dB up to 850 MHz	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	16 dB	Enclosure	Shielded metal
Common Mode Rejection	Greater than 40 dB	Dimensions	1" x 1" x 2.76" (2.5 x 2.5 x 7 cent.)
Max. Distance	180 ft.	Weight	70 grams (2.5 oz)
Cable	UTP: 24 gauge or lower solid copper UTP; Impedance: 100 ohms @ 1 MHz; Maximum capacitance: 20 pf/foot; Attenuation: 6.6 dB/1000 ft. @ 1 MHz BNC: Impedance: 75 ohms @ 1 MHz; Maximum 25 ft. of coax allowed per end to end link. <i>Cat 3, Cat 5, Cat 5e, Cat 6, Cat 7 compatible</i>	Ordering Info	VB: single balun VB-PAC: two baluns in retail ready packaging
		Warranty	2 years

Discover more online at <http://www.intelix.com/products/baluns.html>.