

CBLNB SPEC SHEET

Cyrex Networks • 250 Duarte Rd. Suite B Monrovia, CA 91016 • Tel 626 930 0388 • Fax: 626 930 0488 • www.CyrexNetworks.com

CBLNB Dual Termination Passive Balun

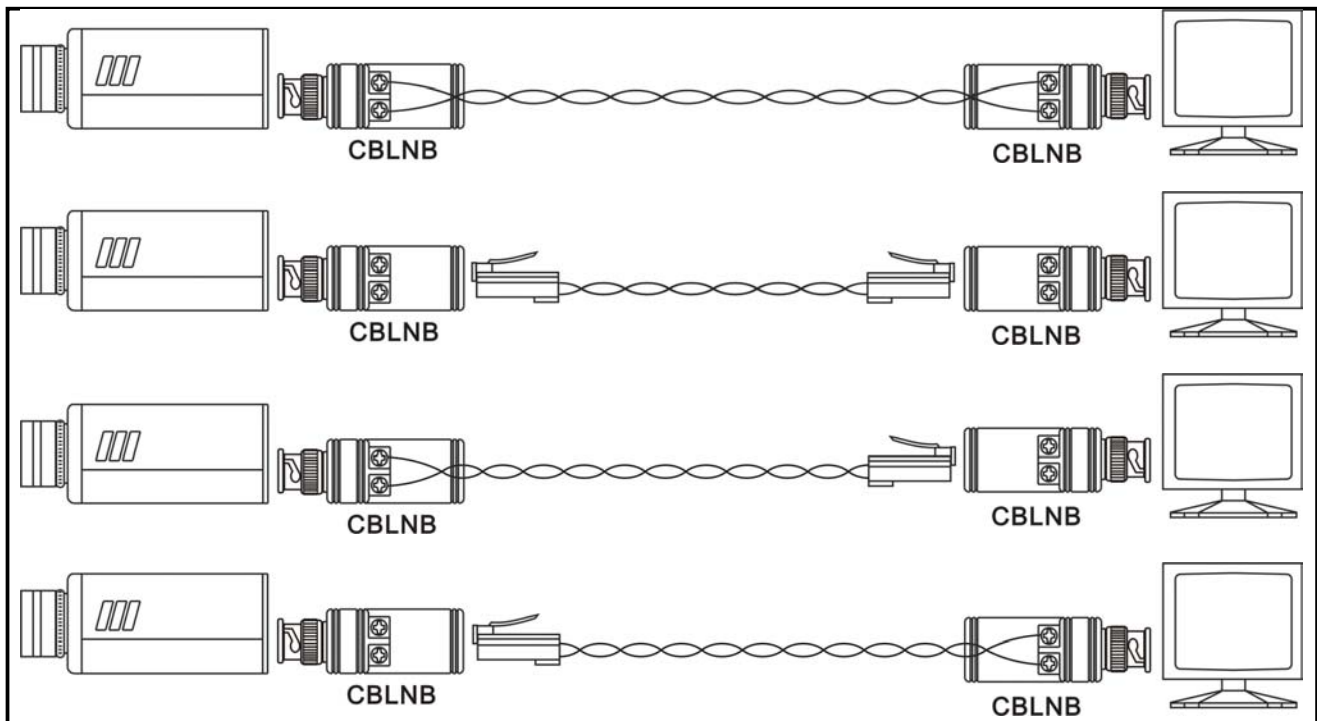


Features:

- Monochrome video signal up to 1,800ft, color video signal up to 1,200ft
- Dual connection: RJ45 jack or Screw Terminal
- Passive, no power required
- Compact size
- Ideal for DVR/Multiplexer
- Distance Up to 3000ft (B/W), 2400ft (Color) when used with an active receiver
- Connect up to 4 cameras per CAT5 cable

*** Actual distance may be shorter if used in conjunction with DVR**

Installation: 4 possible connection methods

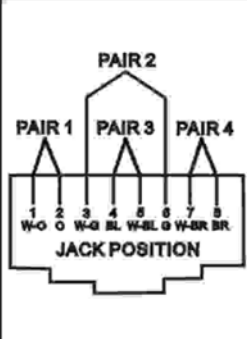


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RJ-45 Jack Pin Definition

RJ - 45 Jack		
PIN	Color	Function
1	W-O	X
2	O	X
3	W-G	X
4	BL	X
5	W-BL	X
6	G	X
7	W-BR	Video +
8	BR	Video -



Specification:

Video Format	NTSC, PAL, SECAM
Maximum Input	1VP-P
Insertion Loss	Less than 2dB per pair over the frequency range from DC to 5Mhz
Return Loss	Greater than 15dB over the frequency range from DC to 5Mhz
Frequency Response	DC to 5 MHz
Attenuation	DC to 5 MHz 1.5dB Max
Common Mode Rejection	15KHz to 5 MHz , 60 dB
Impedance: Coax, Male BNC	75 Ohms
Terminal	100Ohms
Power	No power required
Temperature range	10 ~ 120F
Humidity range	0 ~ 95%
Wire type	UTP (Unshielded Twisted Pair) 24 AWG or thicker
Distance	B/W = 1,800ft / Color = 1,200ft
Connectors	Screw terminals and RJ45
Case	ABS Plastic
Dimension W x H x D mm	45 x 21 x 21.5mm