

PINOUT REFERENCE CHART FOR NILES CAT-5 BALUNS

C5-V	
Pin 7 Wht/Brn	Video +
Pin 8 Brn	Video -

C5-RF	
Pin 7 Wht/Brn	RF +
Pin 8 Brn	RF -

C5-A2	
Pin 1 Wht/Grn	Right Audio +
Pin 2 Grn	Right Audio -
Pin 3 Wht/Or	Left Audio +
Pin 6 Or	Left Audio -

C5-VA2*	
Pin 1 Wht/Grn	Right Audio +
Pin 2 Grn	Right Audio -
Pin 3 Wht/Or	Left Audio +
Pin 6 Or	Left Audio -
Pin 7 Wht/Brn	Video +
Pin 8 Brn	Video -

C5-DA	
Pin 4 Bl	Dig. Audio +
Pin 5 Wht/Bl	Dig. Audio -

C5-HDDA*	
Pin 1 Wht/Grn	Pb (blue) +
Pin 2 Grn	Pb (blue) -
Pin 3 Wht/Or	Y (green) +
Pin 4 Bl	Dig. Audio +
Pin 5 Wht/Bl	Dig. Audio -
Pin 6 Or	Y (green) -
Pin 7 Wht/Brn	Pr (red) +
Pin 8 Brn	Pr (red) -

C5-SV	
Pin 4 Bl	C + (Mini DIN Pin 4)
Pin 5 Wht/Bl	C - (Mini DIN Pin 2)
Pin 7 Wht/Brn	Y + (Mini DIN Pin 3)
Pin 8 Brn	Y - (Mini DIN Pin 1)

C5-SVA2*	
Pin 1 Wht/Grn	Right Audio +
Pin 2 Grn	Right Audio -
Pin 3 Wht/Or	Left Audio +
Pin 4 Bl	C + (Mini DIN Pin 4)
Pin 5 Wht/Bl	C - (Mini DIN Pin 2)
Pin 6 Or	Left Audio -
Pin 7 Wht/Brn	Y + (Mini DIN Pin 3)
Pin 8 Brn	Y - (Mini DIN Pin 1)

C5-VGA*	
Pin 1 Wht/Grn	R + (VGA pin 1)
Pin 2 Grn	R - (VGA Grnd)
Pin 3 Wht/Or	H Sync (VGA pin 13)
Pin 4 Bl	G + (VGA pin 2)
Pin 5 Wht/Bl	G - (VGA Grnd)
Pin 6 Or	V Sync (VGA pin 14)
Pin 7 Wht/Brn	B + (VGA pin 3)
Pin 8 Brn	B - (VGA Grnd)
Shield	Sync Grnd (VGA pins 6, 7; RJ-45 Grnd Ring)

C5-HDMI*	
CAT-5* Connection 1	
Pin 1 Wht/Grn	RX1+ Data Pair 1
Pin 2 Grn	RX1- Data Pair 1
Pin 3 Wht/Or	Gnd
Pin 4 Bl	HPD Hot Plug Detect
Pin 5 Wht/Bl	CEC One-line Consumer Electronic Control Communications Channel
Pin 6 Or	Gnd
Pin 7 Wht/Brn	RX2- Data Pair 2
Pin 8 Brn	RX2+ Data Pair 2
CAT-5* Connection 2	
Pin 1 Wht/Grn	RXC+ TMDS Clock+
Pin 2 Grn	RXC- TMDS Clock -
Pin 3 Wht/Or	5V
Pin 4 Bl	SCL Serial Clock
Pin 5 Wht/Bl	SDA Serial Data Analyzer
Pin 6 Or	Gnd
Pin 7 Wht/Brn	RX0- Data Pair 0
Pin 8 Brn	RX0+ Data Pair 0

*All pins being utilized

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