

Balun Specifications

Wiring configurations have to be precisely followed to ensure proper TX and RX algorithm processing for each individual twisted pair.

Model Number	Cable Lengths													
	Resolution													
	720X480i			720X480P			1280X720P			1920X1080i			Audio	
	Good	Better	Best	Good	Better	Best	Good	Better	Best	Good	Better	Best	Analog	PCM
Analog														
KD-CAT5XBNC	2000	1500	750	1500	750	500	1000	500	300	1000	500	300	500	300
KD-CAT5XRCA	2000	1500	750	1500	750	500	1000	500	300	1000	500	300	500	300
KD-C5CWP	2000	1500	750	1500	750	500	1000	500	300	1000	500	300	500	300
KD-CAT5XST													500	300

Model Number	Cable Lengths					
	Resolution					
	480i	480P	720P	1080i	1080P/60	1080p/24
HDMI						
KD-HDMIXCAT5 ^{(1) (2)}	200	175	125	125	50	150
KD-CAT5XHDMI ^{(1) (2)}	200	175	125	125	50	150
KD-HDMIWPTX ^{(1) (2)}	200	175	125	125	60	150
KD-HDMIWPRX ^{(1) (2)}	200	175	125	125	60	150
Smart Baluns						
KD-VACTX(RX) ⁽³⁾	1000/1000	1000/1000	1000 / 700	1000 / 700	N/A / 300	N/A / 300
KD-VACWPRX ⁽³⁾	1000/1000	1000/1000	1000 / 700	1000 / 700	N/A / 300	N/A / 300

NOTES:

(1) Key Digital recommends using STD (shielded) CAT5 cables with shielded RJ-45 termination for DATA link.

(2) When used only with Key Digital HDMI cables.

(3) KD-VACTX (RX) / KD-VACWPRX (Y, PB, PR / VGA)

* All distances are in feet. These tests were performed using high quality, quality Key Digital approved CAT5 cable in a controlled environment. It is important to bench test proposed system before pre-wiring facility.