

# Video Link Series Specification

ELIM		V	4V	8V	16V	40V	64V	128V
Model (Video)		V	4V	8V	16V	40V	64V	128V
Transmission option		Tx / Rx	Tx / Rx	Tx / Rx	Tx / Rx	Tx / Rx	Tx / Rx	Tx / Rx
VIDEO								
Video Input		1 volt pk-pk (75 ohms)	1 volt pk-pk (75 ohms)	1 volt pk-pk (75 ohms)	1 volt pk-pk (75 ohms)	1 volt pk-pk (75 ohms)	1 volt pk-pk (75 ohms)	1 volt pk-pk (75 ohms)
Video channels(BNC)		1	4	8	16	32	64	128
Digital Uncompressed Video		10 bit	10 bit	10 bit	10 bit	10 bit	10 bit	10 bit
Differential Gain		< 0.7%	< 0.7%	< 0.7%	< 0.7%	< 0.7%	< 0.7%	< 0.7%
Differential Phase		< 0.7°	< 0.7°	< 0.7°	< 0.7°	< 0.7°	< 0.7°	< 0.7°
Video Bandwidth		10Hz - 6.5MHz	10Hz - 6.5MHz	10Hz - 6.5MHz	10Hz - 6.5MHz	10Hz - 6.5MHz	10Hz - 6.5MHz	10Hz - 6.5MHz
Tilt		< 1%	< 1%	< 1%	< 1%	< 1%	< 1%	< 1%
Single-to-Noise Ratio		> 67dB	> 67dB	> 67dB	> 67dB	> 67dB	> 67dB	> 67dB
Video Input Level Display(Tx)		Power LED/ 7-segment	7-segment	7-segment	7-segment	7-segment	7-segment	7-segment
Video output Level Display(Rx)		Power LED/ 7-segment	7-segment	7-segment	7-segment	7-segment	7-segment	7-segment
Optical								
Number of Fiber		1Core	1Core	1Core	1Core	1Core	1Core	1Core
Wavelength		850/1310/1550 nm	1310 / 1550 nm	1310 / 1550 nm	1510 / 1530 nm (CWDM 1:2)	1470~1610 nm (CWDM 1:4)	1470~1610 nm (CWDM 1:8)	1270~1610 nm (CWDM 1:16)
Fiber optic connector		ST or SC	ST or SC	ST or SC	ST or SC	ST or SC	ST or SC	ST or SC
Single-Mode 9/125um (Optical PWR Budget / Max Distance)	7dB/20km	√	√	√	√	√	√	√
	13dB/40km	√	√	√	√	√	√	√
	20dB/60km	√	√	√	√	√	√	√
	25dB/80km	√	√	√	√	√	√	√
Multi-Mode 62.5/125um (Optical PWR Budget / Max Distance)	9dB/3km (850nm)	√	-	-	-	-	-	-
	3dB/3km (1310nm)	√	√	√	-	-	-	-
Electrical								
Power Supply(12V DC)		200mA	300mA	300mA	600mA	1.5A	2.4A	4.8A
Environmental								
Operating Temp		-40 ℃ to +70 ℃	-40 ℃ to +70 ℃	-40 ℃ to +70 ℃	-40 ℃ to +70 ℃	-40 ℃ to +70 ℃	-40 ℃ to +70 ℃	-40 ℃ to +70 ℃
MTBF		>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours
Mechanecal								
Case Type (W xHxD) 단위:mm	A Module (87 x32 x113)	√	-	-	-	-	-	-
	B Module (123 x35 x220)	-	√	-	-	-	-	-
	C Module (123 x48 x220)	-	-	√	-	-	-	-
	1U Pannel (483 x132 x275)	√	√	-	-	-	-	-
	2U pannel (483 x88 x330)	-	-	√	-	-	-	-
	2U Case (483 x88 x330)	-	-	-	-	-	-	-
	3U(A) Case (483 x132 x275)	√	-	-	-	-	-	-
	3U Case (483 x132 x275)	-	√	√	√	√	-	-
6U Case (483 x264 x275)	-	-	√	√	√	√	√	