

ELECTRO-OPTICAL CHARCTERISTICS @ 25°C

Part Number	Material Type	ON Resistance 2		OFF 3 Resistance @ 10 sec. (Min.)	Slope (Typ.) @ 0.5 mA <u>R @ 5 mA</u>	Dynamic Range (Typ.) $\frac{R_{DARK}}{R @ 20 mA}$	Response Time 4	
		Input current	Dark Adapted (Typ.)				Turn-on to 63% Final R_{ON} (Typ.)	Turn-off (Decay) to 100 k Ω (Max.)
VTL5C1	1	1 mA 10 mA 40 mA	20 k Ω 600 Ω 200 Ω	50 M Ω	15	100 db	2.5 ms	35 ms
VTL5C2	0	1 mA 10 mA 40 mA	5.5 k Ω 800 Ω 200 Ω	1 M Ω	24	69 db	3.5 ms	500 ms

Part Number	Material Type	ON Resistance 2		OFF 3 Resistance @ 10 sec. (Min.)	Slope (Typ.) $\frac{R @ 0.5 mA}{R @ 5 mA}$	Dynamic Range (Typ.) $\frac{R_{DARK}}{R @ 20 mA}$	Response Time 4	
		Input current	Dark Adapted (Typ.)				Turn-on to 63% Final R_{ON} (Typ.)	Turn-off (Decay) to 100 k Ω (Max.)
VTL5C3	3	1 mA 10 mA 40 mA	30 k Ω 5 Ω 1.5 Ω	10 M Ω	20	75 db	2.5 ms	35 ms
VTL5C4	4	1 mA 10 mA 40 mA	1.2 k Ω 125 Ω 75 Ω	400 M Ω	18.7	72 db	6.0 ms	1.5 sec

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		Input current	Dark Adapted (Typ.)				Turn-on to 63% Final R_{ON} (Typ.)	Turn-off (Decay) to 100 k Ω (Max.)
VTL5C2/2	Ø	5 mA 40 mA	2.5 k Ω 700 Ω	1.0 M Ω	20	65 db	7.0 ms	150 ms
VTL5C3/2	3	1 mA 40 mA	55 k Ω 2 Ω	10 M Ω	19	71 db	3.0 ms	50 ms

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		Input current	Dark Adapted (Typ.)				Turn-on to 63% Final R_{ON} (Typ.)	Turn-off (Decay) to 100 k Ω (Max.)
VTL5C4/2	4	1 mA 10 mA	1.5 k Ω 150 Ω	400 Ω	8.3	68 db	6.0 ms	1.5 sec