



The cable specifications affect system integrity and the maximum length that can be supported in any application.

Flat cable (stranded 28 AWG)	3M 3365-40 or equivalent.
Flat cable (stranded 28 AWG)	3M 3517-40 (shielded) or equivalent.

Cable length of 0,46m (18 inches). This distance may be exceeded in circumstances where the characteristics of both ends of the cable can be controlled.

Cable capacitive loading shall not exceed 200pF.

5.5 AC Electrical Requirements

Table 3 – Cable parameters

Cable length of 0,46m (18 inches) *		Min	Max
Driver-IoL	Driver sink current for 5V operation	12mA	
Driver-IoL	Driver sink current for 3,3V operation	8mA	
Driver-IoH	Driver source current		-400uA
Cable capacitive loading			200pF
Vih	Voltage Input High	2,0 V	
Vil	Voltage Input Low		0,8 V
Voh	Voltage Output High (Ioh = -400 u A)	2,4 V	
Vol	Voltage Output Low (5V, Iol = 12ma)		0,5 V
Vol	Voltage Output Low (3,3V, Iol = 8ma)		0,5 V
Cin	Input Capacitance (of Device)	25 pf	
Cout	Output Capacitance (of Device)	25 pf	

\* This distance may be exceeded in circumstances where the characteristics of both ends of the cable can be controlled.

End changes