

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

	Min	Max
Cable length of 0,46m (18 inches) *		
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