



C30X0-G10F-PTL-08

MS-IMU30X0 8 Inch

Unterminated Interface Cable

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Document Change History

REV	STATUS	DESCRIPTION	DATE
A	Release	Initial release.	8-23-16

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1.0 SPECIFICATION

Table 1 – Cable Specifications

IMU Connector Mfg.	Harwin
IMU Connector Housing	G125-2041096L0
Contacts	G125-0020005
Encapsulant	Stycast 2651, Catalyst 9
Overall Length	8 inches
Tinned Length	0.125
Cable Mfg.	Microflex Wire & Cable
Cable PN	BN103025FEPUSIL
Cable Jacket	Silicone Rubber
Cable OD	0.115 inches
Wire Gauge	AWG 30
Wire Insulation	FEP

Table 2 – Pinout Signals

Pin No.	Wire Color	Signal Name
1	Red	PWR
2	No Connect	No Connect
3	Orange	1PPS
4	Green	RCV A
5	White	RCVB
6	Black	GND
7	Violet	TOV
8	Brown	X TRIG
9	Yellow	TX Y
10	Blue	TX Z

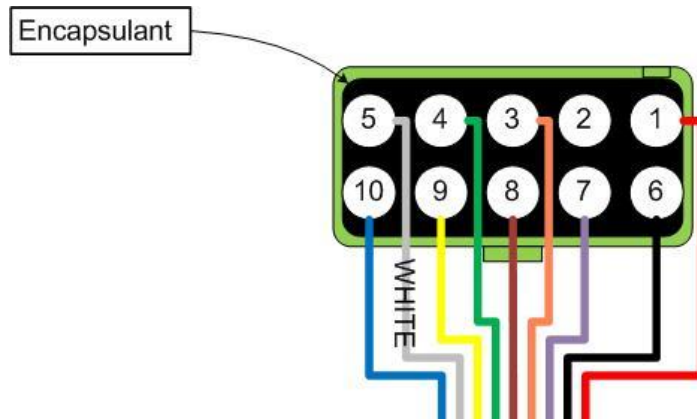


Figure 1 – IMU Connector Contact Pinout Arrangement

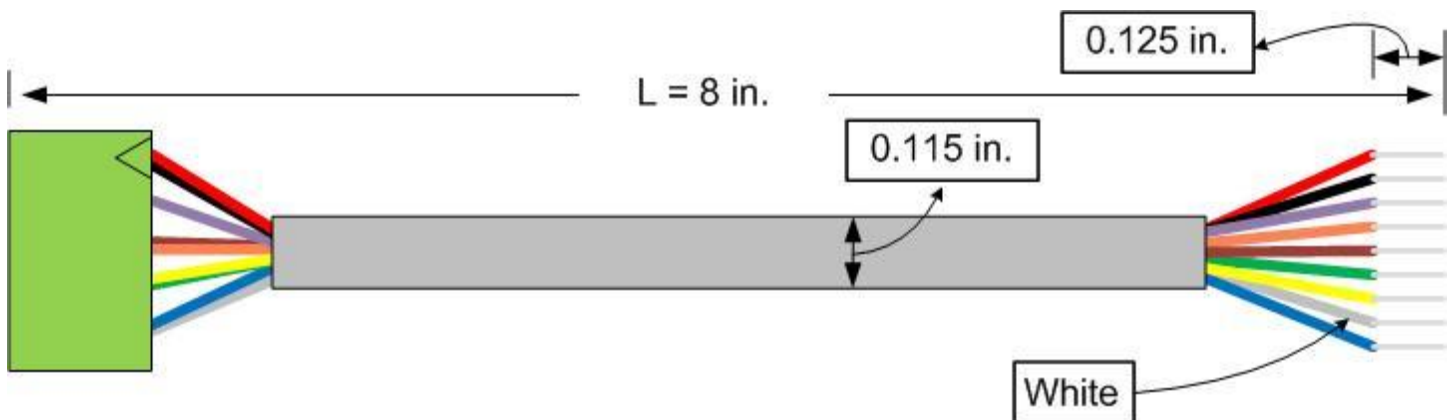


Figure 2 – Cable Overall Length Diagram