

# HI-SPEED CABLE ASSEMBLY EQCD SERIES

HIGH SPEED

## SPECIFICATIONS

For complete specifications see [www.samtec.com?EQCD](http://www.samtec.com?EQCD)

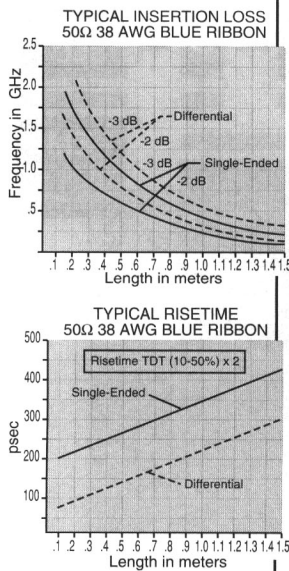
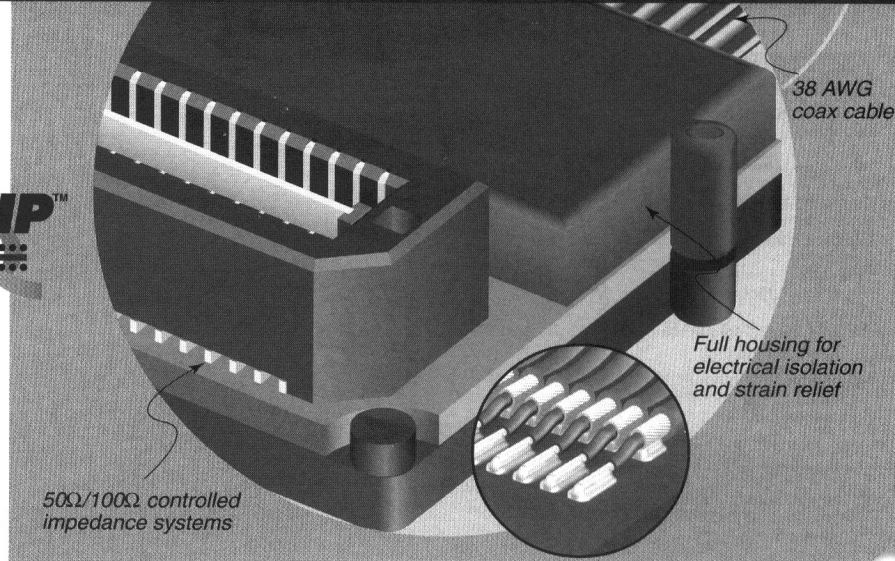
## PERFORMANCE

Contact Precision Interconnect for complete Single-Ended and LVDS performance data.

Typical Single-Ended (Varies by configuration)

- Wire:** 38 AWG coax cable
- Impedance:** Matched for 50Ω system
- Rise Time:** 250 psec
- Attenuation:** 3dB @ 950MHz
- Return Loss:** -14dB @ 1GHz
- Skew:** 100 psec
- Far-End Crosstalk: -14dB @ 1GHz

Mates with: QTE, QSE, QTH, QSH



**TYPE** - 38 - 50 - **SIGNAL LINES** - **CONDUCTOR LENGTH** - **END NO. 1** - **END NO. 2** - **CROSS PCB** - 0

(Note: These are Precision Interconnect Part Number prefixes.)

**02** = QSE/QTE Series (0.8mm pitch)

**04** = QSH/QTH Series (0.5mm pitch)

Specify number of **SIGNAL LINES**  
= 040, 080, 120, 160, 200 (for 02 Series)  
= 060, 120, 180 (for 04 Series)

Specify **END ASSEMBLY** from chart

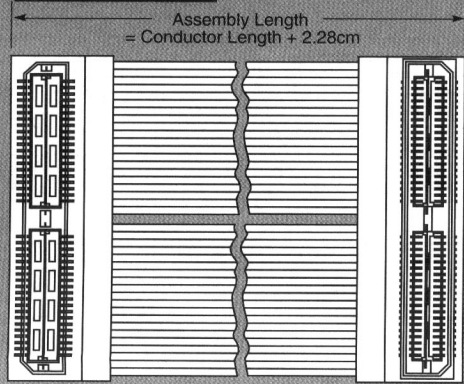
– “XXX” = Conductor Length in Centimeters (010 to 200 in 001 increments)

– 1 = End 1  
– 0 = None  
– 2 = End 2

## ORDERING

For information on creating a high speed cable assembly go to Precision Interconnect's web site: <http://www.precisionint.com/samtec>

**Note:** This Series is non-standard, non-returnable.



END ASSEMBLY	SURFACE MOUNT TERMINATION	END ASSEMBLY	EDGE MOUNT TERMINATION
-A	(QTE) (QTH)	-J	(QTE) (QTH)
-B	(QTE) (QTH)	-K	(QTE) (QTH)
-C	(QTE) (QTH)	-L	(QTE) (QTH)
-D	(QTE) (QTH)	-M	(QTE) (QTH)
-E	(QSE) (QSH)	-N	(QSE) (QSH)
-F	(QSE) (QSH)	-P	(QSE) (QSH)
-G	(QSE) (QSH)	-R	(QSE) (QSH)
-H	(QSE) (QSH)	-S	(QSE) (QSH)

Standard configurations can be ordered via Precision Interconnect's web site

Due to technical progress, all designs, specifications and components are subject to change without notice.

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)