

EQRD-026-04.00-TTL-STL-3

(0.80 mm) .0315"

EQRD SERIES

# Q RATE® COAX CABLE ASSEMBLY

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see see [www.samtec.com?EQRD](http://www.samtec.com?EQRD)

**Cable:**

34 AWG micro ribbon coax cable

**Signal Routing:**

50 Ω Single-Ended  
Overall Length:

(95.3 mm) 03.75" to  
(1 m) 40" standard

**Cable Flexing Life:**

>10,000 cycles

**Cable Bending Radius:**

<2.5 mm

**Plating:**

Au over 50 μ" (1.27 μm) Ni

**Cable Propagation Delay:**

4.4 nsec/meter

**Operating Temp Range:**

-25 °C to +105 °C

**RoHS Compliant:**

Yes

Mates with:  
QRF8, QRM8

EDGE RATE  
CONTACT

Edge Rate® contacts

EYE SPEED  
CABLE

34 AWG  
micro ribbon  
coax cable

Slim  
body design

## HIGH-SPEED CHANNEL PERFORMANCE

EQRD

Rating based on Samtec reference channel.  
For full SI performance data visit [Samtec.com](http://Samtec.com) or contact [SIG@samtec.com](mailto:SIG@samtec.com)

14  
G b p s

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



## APPLICATIONS



Processing conditions will affect mated height.

## ALSO AVAILABLE

Contact Samtec

Other sizes and lengths

Other terminations

Other wire AWG

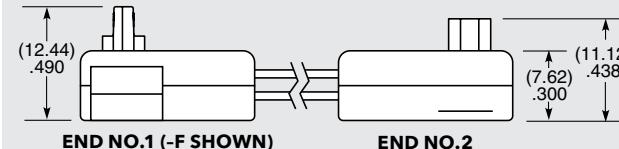
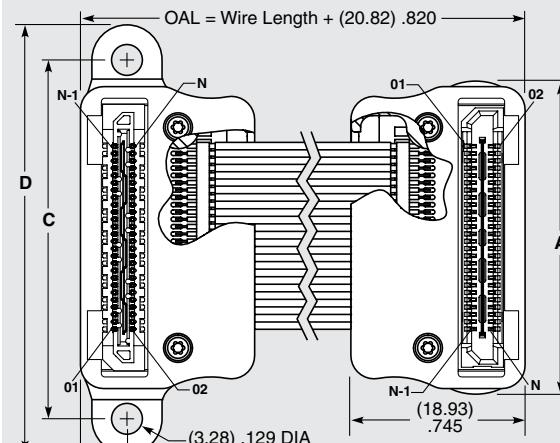
**Notes:**

Cable lengths longer than 40.00" (1 meter) are not supported with S.I. test data.

Design your High-Speed Cable with Samtec's High-Speed Cable Solutionator® at [www.samtec.com/hdr](http://www.samtec.com/hdr)

Some lengths, styles and options are non-standard, non-returnable.

EQRD	NO. OF POSITIONS	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION	SCREW OPTION
-026, -052, -078 (Per Row)	-"XX.XX" = Wire Length in Inches (43.7 mm) 01.72" min.	OAL = Wire Length + (20.82) .820	-TTR = Terminal, Top Right	-TTL = Terminal, Top Left	1 = Pin 1 to Pin 1	Leave blank for no Screw Option
			-TBR = Terminal, Bottom Right	-TBL = Terminal, Bottom Left	2 = Pin 1 to Pin 2	-F = Screw option (First end only)
			-STR = Socket, Top Right	-SBL = Socket, Bottom Left	3 = Pin 1 to Pin N-1	-S = Screw option (Second end only)
			-STL = Socket, Top Left	-SBR = Socket, Bottom Right	4 = Pin 1 to Pin N	-B = Screw option (Both ends)



NO. OF POSITIONS	A	C	D
-026	(33.02) 1.300	(39.12) 1.540	(46.74) 1.840
-052	(57.81) 2.276	(63.91) 2.516	(71.53) 2.816
-078	(82.63) 3.253	(88.70) 3.492	(96.32) 3.792