



EQRD-026-04.00-TTL-STL-3

EQRD SERIES

(0.80 mm) .0315"

Q RATE[®] COAX CABLE ASSEMBLY

SPECIFICATIONS

For complete specifications and recommended PCB layouts see 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
or contact SIG@samtec.com

14
G b p s

RECOGNITIONS

For complete scope of recognitions see www.samtec.com/quality



FILE NO. E111594

APPLICATIONS



Processing conditions will affect mated height.

ALSO AVAILABLE (MOV Required)

- 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

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" minimum			-TTR = Terminal, Top Right -TTL = Terminal, Top Left -TBR = Terminal, Bottom Right -TBL = Terminal, Bottom Left -STR = Socket, Top Right -STL = Socket, Top Left -SBR = Socket, Bottom Right -SBL = Socket, Bottom Left	-1 = Pin 1 to Pin 1 -2 = Pin 1 to Pin 2 -3 = Pin 1 to Pin N-1 -4 = Pin 1 to Pin N Leave blank for no Screw Option -F = Screw option (First end only) -S = Screw option (Second end only) -B = Screw option (Both ends)

OAL = Wire Length + (20.82) .820

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

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

WWW.SAMTEC.COM

All parts within this catalog are built to Samtec's specifications.

Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.

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