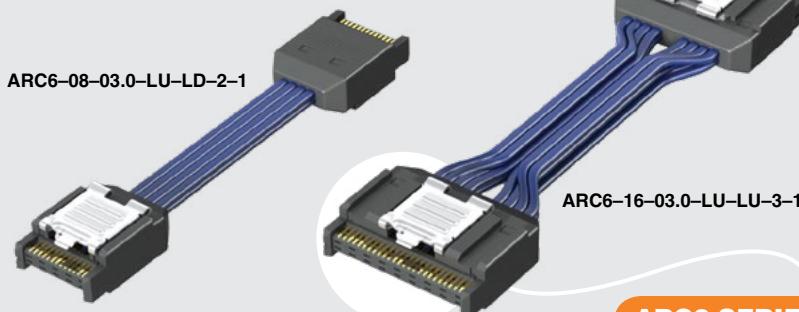


ACCELERATE®

(0.635 mm) .025"



ARC6 SERIES

SLIM BODY CABLE

SPECIFICATIONS

For complete specifications and recommended PCB layouts see www.samtec.com?ARC6

Cable:
34 AWG Eye Speed® ultra low skew twinax cable

Signal Routing:
100 Ω Differential

Insulator Material:
LCP

Terminal Material:
Copper Alloy

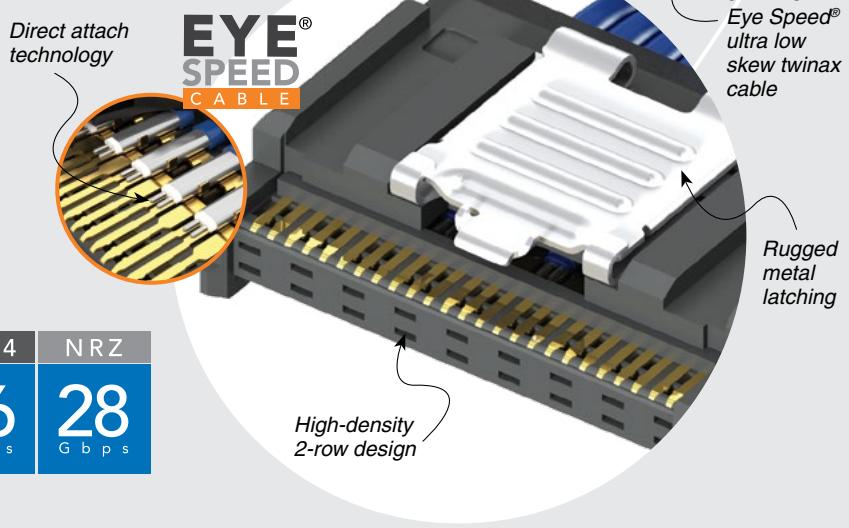
Cable Insulator:
THV

Operating Temp Range:
-40 °C to +125 °C

RoHS Compliant:
Yes

Mates with:
ARF6

PAM 4	NRZ
56 Gbps	28 Gbps



PROCESSING

Lead-Free Solderable:
Yes

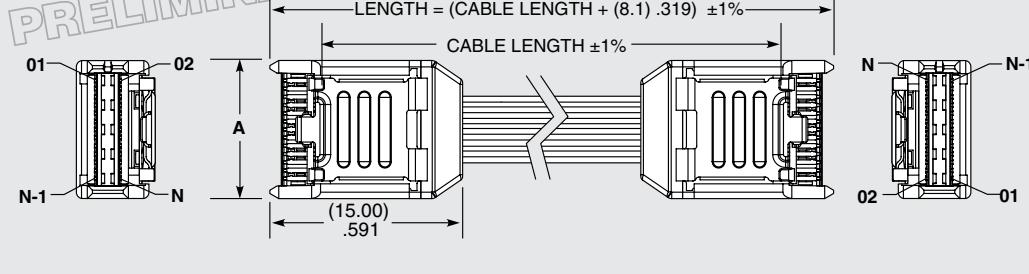
IN DEVELOPMENT

- 24 pairs

ARC6	NO. OF PAIRS	CABLE LENGTH	END 1	END 2	WIRING OPTION	CABLE TYPE
	-08 = 8 Pairs	-"XX.X" = Length in Inches 03.0" (76.2 mm) minimum	-LU = Latch Up	-LU = Latch Up	-2 = Pin 1 to Pin 2 (End 2 -LD option only)	-1 = 34 AWG 100 Ω Eye Speed®
	-16 = 16 Pairs			-LD = Latch Down	-3 = Pin 1 to Pin N-1 (End 2 -LU option only)	
	-24 = 24 Pairs					

NO. OF PAIRS	A	N	N-1
-08	(10.90) .429	26	25
-16	(18.52) .729	50	49
-24	(26.14) 1.029	74	73

-24 PAIRS
PRELIMINARY



ARC6-08-XX.X-LU-LU-3-1 SHOWN

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

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

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.