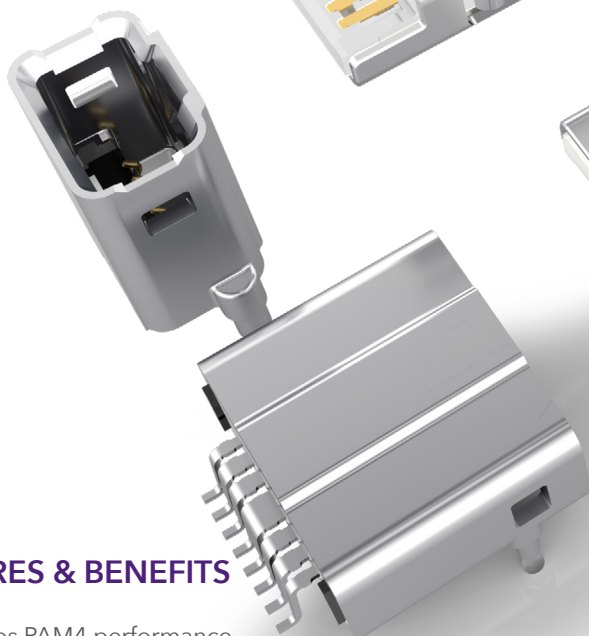


ACCELRATE[®] mini

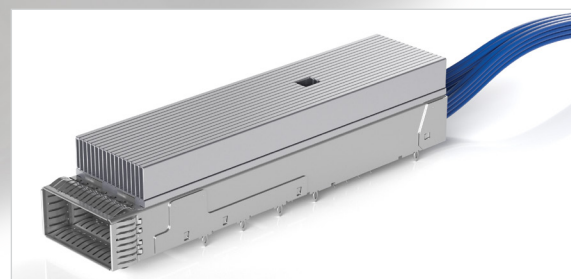
EXTREME PERFORMANCE, MINI FORM FACTOR CABLE

(0.635 mm) .025" PITCH

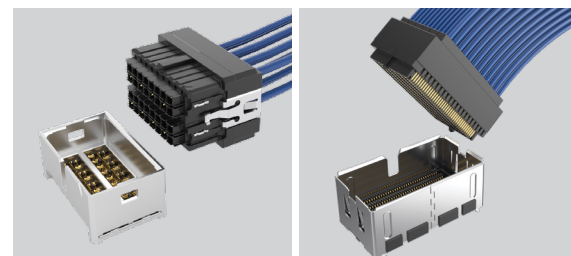
NRZ	PAM 4
56 G b p s	112 G b p s



VARIOUS END OPTIONS AVAILABLE



800G Flyover[®] QSFP Double Density (FQSFP-D8)



Si-Fly[®] HD
(SFNC/SFNM-L)

AcceleRate[®] HP Double
Density (ART6/ATF6)

FEATURES & BENEFITS

- 112 Gbps PAM4 performance
- 34 AWG, 92 Ω Eye Speed Thinax[™] ultra low skew twinax cable or extruded outer insulation for rugged applications
- One or two differential pairs
- Vertical and right-angle mating board connector
- Design flexibility as an End 2 option for Flyover[®] assemblies
- Friction retention latching
- Standard alignment pins

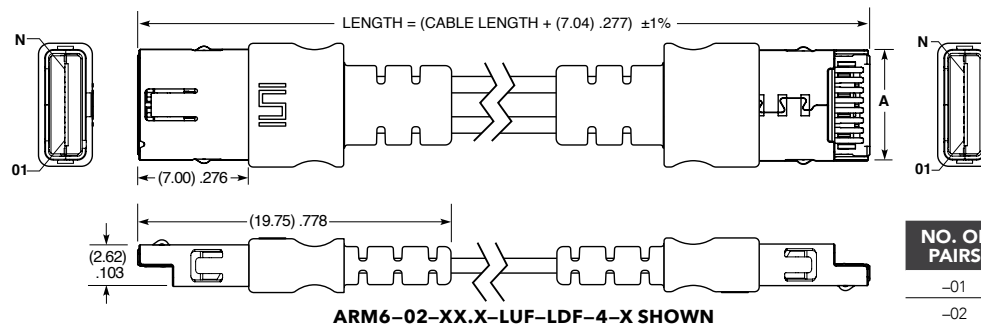
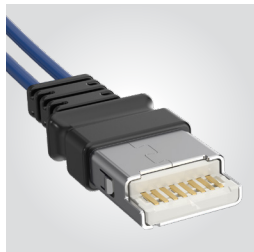
KEY SPECIFICATIONS

CABLE	INSULATOR MATERIAL	CONTACT MATERIAL	PLATING	OPERATING TEMP RANGE	CURRENT RATING	VOLTAGE RATING
34 AWG, 92 Ω ultra low skew twinax or Thinax [™]	LCP	Copper Alloy	Au or Sn over 50 μ m (1.27 μ m) Ni	-40 °C to +105 °C	2.0 A (per pair)	185 VAC/262 VDC

(0.635 mm) .025" • MINI FORM FACTOR CABLE ASSEMBLY

ARM6	NO. OF PAIRS	CABLE LENGTH	END 1	END 2	WIRING OPTION	CABLE STYLE
	-01, -02	- "XX.X" = Length in Inches 03.0" (76.2 mm) minimum	-LUF = Latch up, Flexible Strain Relief	-LUF = Latch up, Flexible Strain Relief -LDF = Latch down, Flexible Strain Relief	-1 = Pin 1 to Pin 1 (End 2 -LDF only) -4 = Pin 1 to Pin N (End 2 -LUF only)	-1 = 34 AWG 92 Ω Thinax™ ultra low skew twinax cable -2 = 34 AWG 92 Ω ultra low skew twinax cable

ARM6
Board Mates:
AMF6



Note:
Some sizes, styles and
options are non-standard,
non-returnable.

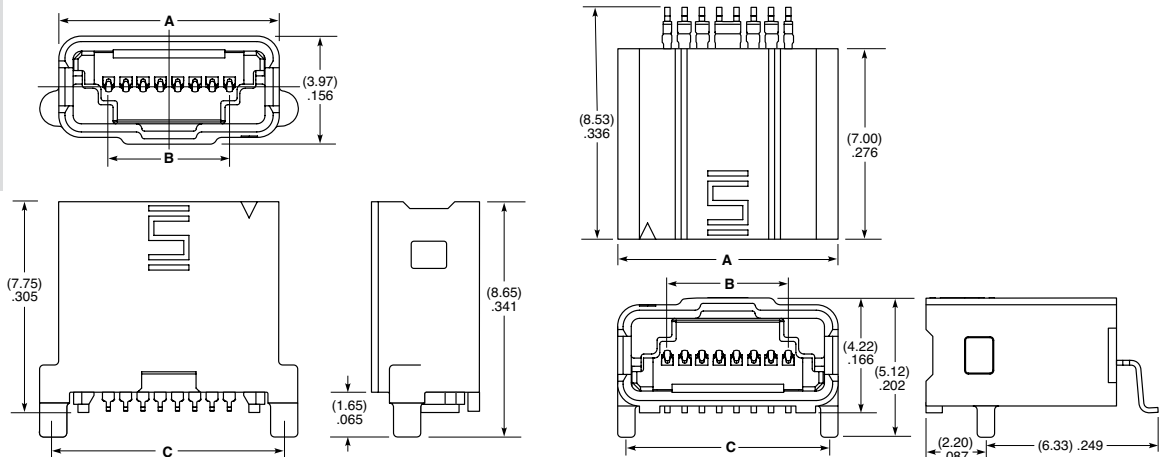
View complete specifications at: samtec.com?ARM6

AMF6	NO. OF PAIRS	PLATING	ROW OPTION	OPTION	"X"R
	-01, -02	-S = 30 μ " (0.76 μ m) Gold on contact area, Matte Tin on tail	(Leave blank for vertical) -RA = Right-angle	(Leave blank for Right-angle) -K = Polyimide film Pick & Place Pad	-TR = Tape & Reel -FR = Full Reel Tape & Reel (must order maximum quantity per reel; contact Samtec for quantity breaks)

AMF6
Cable Mates:
ARM6



NO. OF PAIRS	A	B	C	C (-RA)
-01	(5.56) .219	(1.91) .075	(5.96) .235	(4.92) .194
-02	(8.10) .319	(4.45) .175	(8.50) .335	(7.46) .294



AMF6-02-S-K-XR SHOWN

AMF6-02-S-RA-XR SHOWN

Note:
Some sizes, styles and
options are non-standard,
non-returnable.

View complete specifications at: samtec.com?AMF6