

TWINAX EDGE CARD CABLE ASSEMBLY

(0.80 mm) .0315" PITCH • ECDP SERIES

14
Gbps



ECDP

Mates:
HSEC8 (-L2 option),
HSEC8 (-BL option)

SPECIFICATIONS

Cable:

30 AWG twinax cable

Plating:

Edge Card = ENIG,
3-10 microinches

Operating Temp Range:

-25 °C to +105 °C

Current Rating:

2.3 A per pin
(2 adjacent pins powered)

Impedance:

100 Ω Differential

Bend Radius:

(3.18 mm) .125"

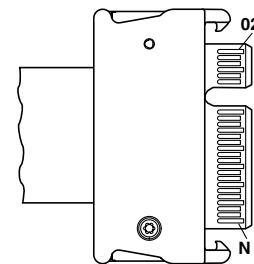
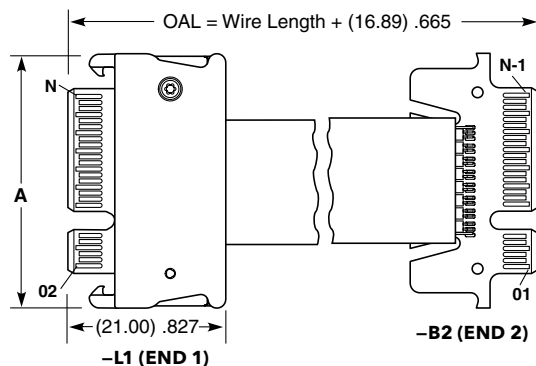
Pinout Map:

See web address below

ECDP	NO. OF PAIRS	WIRE LENGTH	END 1	END 2	WIRING OPTION	CABLE TYPE
	-04, -08, -16, -32	-"XX.XX" = Wire Length in Inches (95.3 mm) 03.75" minimum	-L1 = Double Vertical with latches -B1 = Board lock, No housing	-L1 = Double Vertical with latches (Wiring option -3 & -4 only) -L2 = Double Vertical with latches (Wiring option -1 & -2 only) -B1 = Board lock, No housing (Wiring option -3 & -4 only) -B2 = Board lock, No housing (Wiring option -1 & -2 only)	-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	-3 = 100 Ω Eye Speed [®]

NO. OF PAIRS	A
-04	(20.85) .821
-08	(24.05) .947
-16	(33.66) 1.325
-32	(52.86) 2.081

CABLE	CONNECTOR
ECDP-04	HSEC8-109-XX
ECDP-08	HSEC8-113-XX
ECDP-16	HSEC8-125-XX
ECDP-32	HSEC8-149-XX



*Same pinout for
-B1 end 2 and -L1 end 2.

Notes:

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

Design your full cable
assembly with Samtec's
High-Speed Cable Builder at
www.samtec.com/cablebuilder

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