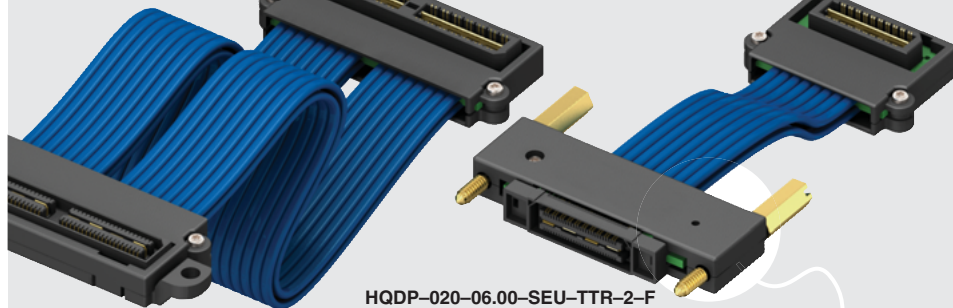




(0,50 mm) .0197" (HQDP) (0,80 mm) .0315" (EQDP)

EQDP-028-06.00-STR-TTL-3-F

HQDP, EQDP SERIES

QPAIRS® TWINAX CABLE ASSEMBLIES

SPECIFICATIONS

For complete specifications see www.samtec.com?EQDP or www.samtec.com?HQDP

Cable:
30 AWG twinax micro ribbon

Signal Routing:
100Ω Differential

Cable Bending Radius:
(11,11 mm) 7/16" min

Plating:
Au over 50μ" (1,27 μm) Ni

Current Rating:
EQDP = 500 mA per pin
HQDP = 800 mA per pin
(6 adjacent pins powered)

Propagation Delay:
4.67 nsec/meter

Operating Temp Range:
-25°C to +105°C

Skew (pair-to-pair):
<10 ps/ft

Skew (within a pair):
<5 ps/ft

EMI Performance:
FCC Class A

RoHS Compliant:
Yes

EQDP Mates with:

QTE-DP, QSE-DP

HQDP Mates with:

QTH-DP, QSH-DP

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

Note: Design your High Speed Cable with Samtec's High Speed Cable Solutionator® at www.samtec.com/hdr

Cable Length	Rated @ 7dB Insertion Loss	
	EQDP	HQDP
10" (0,25 m)	10.00 GHz / 20.00 Gbps	9.50 GHz / 19.00 Gbps

Performance data for other cable lengths and complete test data available at www.samtec.com?HQDP or www.samtec.com?EQDP or contact sig@samtec.com

Differential Pair routing

Surface Mount or Edge Mount

Socket or Terminal

Optional Captive Screw or Screw Mount Option



30 AWG twinax ribbon cable

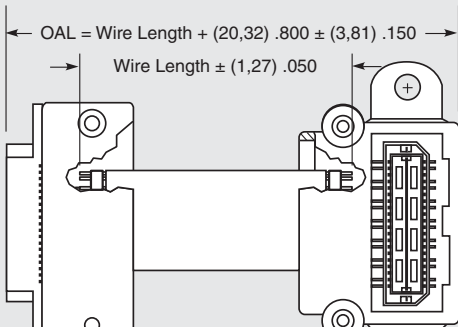
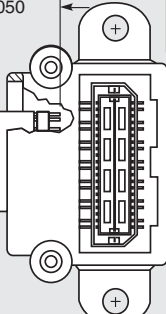
RECOGNITIONS

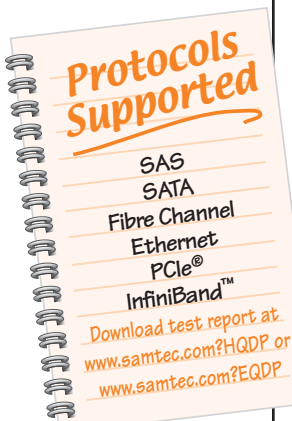
For complete scope of recognitions see www.samtec.com/quality



ALSO AVAILABLE (MOV Required)

- Pairs
 - Terminations
- Contact Samtec.

TYPE	NO. OF PAIRS	WIRE LENGTH	END NO. 1	END NO. 2	WIRING OPTION	SCREW OPTION																												
HQDP = (0,50 mm) .0197" pitch EQDP = (0,80 mm) .0315" pitch	-020, -040, -060 (20 pairs per bank) HQDP Series -014, -028, -042, -056 (14 pairs per bank) EQDP Series	- "XX.XX" = Wire Length in Inches (43,7 mm) 01.72" minimum	Specify END ASSEMBLIES from chart		-1 = Pin 1 to Pin 1 -2 = Pin 1 to Pin 2 -3 = Pin 1 to Second Last Pin -4 = Pin 1 to Last Pin	Leave blank for no Screw Option -F = End No. 1 -S = End No. 2 -B = Both Ends																												
OAL = Wire Length + (20,32) .800 ± (3,81) .150 Wire Length ± (1,27) .050  END NO. 1 (-TEU SHOWN)  END NO. 2 (-TTR SHOWN)  																																		
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Note: This Series is non-standard, non-returnable.