

HPDPI-19-1000-01

## HPDPI SERIES

# INTERNAL HIGH SPEED SYSTEM

## FEATURES

- Internal
- Hot Plug/Hot Swap
- Very Low Skew
- Twinax

## SPECIFICATIONS

For complete specifications see [www.samtec.com?HPDPI](http://www.samtec.com?HPDPI)

### Cable:

30 AWG twinax

micro ribbon

### Signal Routing:

100Ω Differential

### Current Rating:

1.3 A per pin

(6 adjacent pins powered)

### Pinout Map:

See [www.samtec.com?HPDPI](http://www.samtec.com?HPDPI)

### RoHS Compliant:

Yes

## RECOGNITIONS

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



FILE NO. E111594

Mates with:  
HDMR

Ideal for HDMI™ and  
high speed data  
transfer applications

19 Positions



30 AWG  
twinax cable

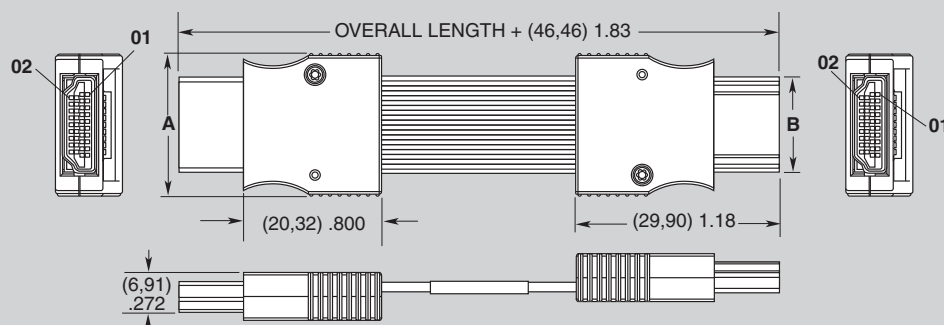
Tested to HDMI™  
Category 2 higher  
performance

HPDPI	
Cable Length	Rated @ 7dB Insertion Loss
	-DP
1 meter (39.4")	5.6 GHz / 11.2 Gbps

Performance data for other cable lengths and complete test data available at [www.samtec.com?HPDPI](http://www.samtec.com?HPDPI) or contact [sig@samtec.com](mailto:sig@samtec.com)

TYPE	NO. OF POSITIONS	LENGTH	WIRE OPTION
HPDPI = Twinax Cable	-19 = 5 Pairs, 4 Power, 19 Positions	-“XXXX” = Length in millimeters (-0095 minimum)	-01 = Pin 1 to Pin 1

NO. OF POSITIONS	A	B	NO. OF PAIRS
-19	(20,83) .820	(13,89) .547	05



**HDMI™**  
HIGH-DEFINITION MULTIMEDIA INTERFACE

HDMI™ is a trademark of  
HDMI Licensing LLC.

### Note:

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

### Note:

This Series is non-standard,  
non-returnable.