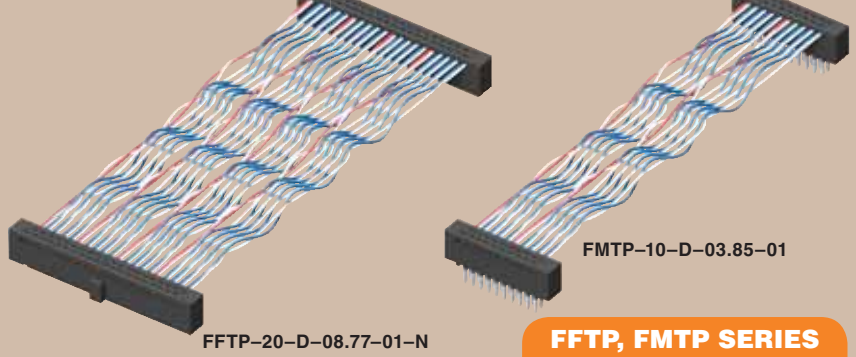




(1,27 mm) .050"



FFTP, FMTP SERIES

# TIGER EYE™ TWISTED PAIR IDC CABLES

**FFTP Mates with:**  
FTS, FTSH, EHF, SHF

**FMTP Mates with:**  
FLE\*, SFMC\*

## SPECIFICATIONS

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

**Insulator Material:**  
PBT

**Contact (FFTP):**  
BeCu

**Terminal (FMTP):**  
Phosphor Bronze

**Plating (FFTP):**  
10µ" (0,25 µm)

Au over 50µ" (1,27 µm)

Ni on contact area; Sn over 50µ" (1,27 µm) Ni on balance

**Plating (FMTP):**  
Sn over 50µ" (1,27 µm) Ni

**Wire:**  
30 AWG 7/38,

Tinned, Twisted Pair

with PVC insulator

**Operating Temp Range:**  
-40°C to +105°C

**Lead Size Accepted:**  
(0,41 mm) .016" SQ

**Contact Resistance:**  
15 mΩ

**Insertion Depth (FFTP):**  
(2,64 mm) .104" to  
(3,17 mm) .125"

**Insertion Force (FFTP):**  
(Single contact only)  
5 oz (1,39 N) avg.

**Withdrawal Force (FFTP):**  
(Single contact only)  
3 oz (0,83 N) avg.

**RoHS Compliant:**  
Yes

## RECOGNITIONS

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



## ALSO AVAILABLE (MOQ Required)

- Other sizes
  - Other cable lengths
- Contact Samtec.

**\*Note:** Standard FMTP callout will not mate with FLE, SFMC. Must use gold plated callouts. (See drawing on web.)  
When mated with a socket, Wire 1 mates with Pin 2; Wire 2 mates with Pin 1, etc.

**Note:** This Series is non-standard, non-returnable.

FFTP	PINS PER ROW	END ASSEMBLY	ASSEMBLY LENGTH	01	N	OPTION
	-05, -08, -10, -13, -17, -20, -25 (Standard sizes)	-D = Double End	-03.85 = (97,79 mm) 3.85" -08.77 = (222,76 mm) 8.77" -18.00 = (457,20 mm) 18.00" (Standard Lengths)		-N = Notch Polarization (Standard)	-R = Reverse Connector

FFTP	
Cable Length	Rated @ 7dB Insertion Loss
	-SE
3.85" (97,8 mm)	2.0 GHz / 4.00 Gbps

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

FMTP	PINS PER ROW	END ASSEMBLY	ASSEMBLY LENGTH	01	TRANSFER OPTION	OPTION
	-05, -08, -10, -13, -17, -20, -25 (Standard sizes)	-D = Double End -T = Transfer End	-03.85 = (97,79 mm) 3.85" -08.77 = (222,76 mm) 8.77" -18.00 = (457,20 mm) 18.00" (Standard Lengths)		Leave blank for -D End Assembly. For -T End Assembly Specify "-N" (Socket has notch polarization)	-R = Reverse Connector

*Due to technical progress, all designs, specifications and components are subject to change without notice.*

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)