



(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 or 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



FILE NO. E111594

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 or contact 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