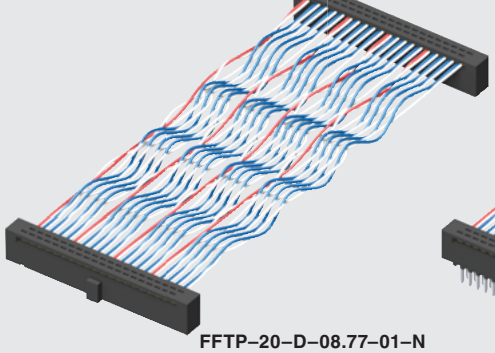
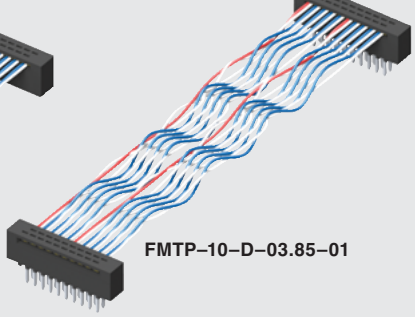
samtec

TIGER™ IDC

(1,27 mm) .050"



FFTP–20–D–08.77–01–N



FMTP–10–D–03.85–01

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

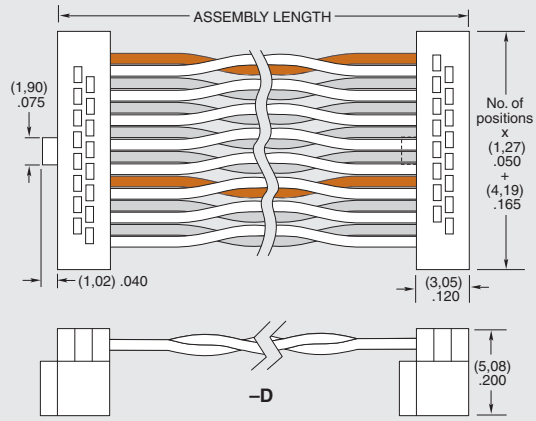
PINS PER ROW: –05, –08, –10, –13, –17, –20, –25 (Standard sizes)

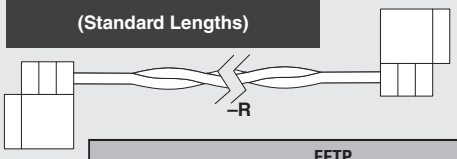
END ASSEMBLY: –D = Double End

ASSEMBLY LENGTH:
–03.85 = (97,79 mm) 3.85"
–08.77 = (222,76 mm) 8.77"
–18.00 = (457,20 mm) 18.00"
(Standard Lengths)

N: –N = Notch Polarization (Standard)

OPTION: –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

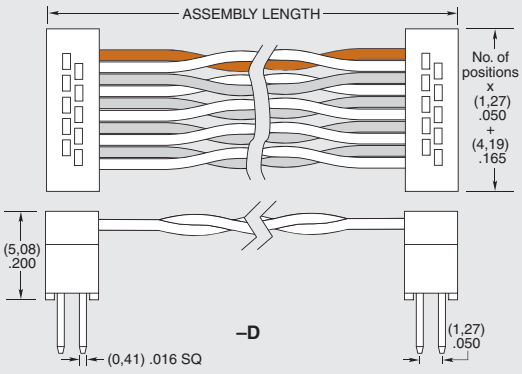
PINS PER ROW: –05, –08, –10, –13, –17, –20, –25 (Standard sizes)

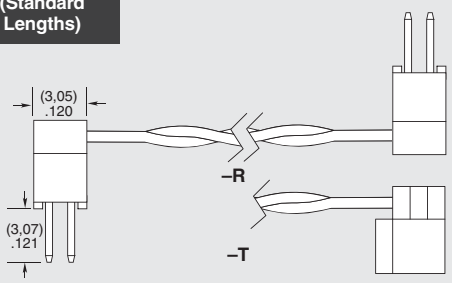
END ASSEMBLY:
–D = Double End
–T = Transfer End

ASSEMBLY LENGTH:
–03.85 = (97,79 mm) 3.85"
–08.77 = (222,76 mm) 8.77"
–18.00 = (457,20 mm) 18.00"
(Standard Lengths)

TRANSFER OPTION: Leave blank for –D End Assembly. For –T End Assembly Specify "–N" (Socket has notch polarization)

OPTION: –R = Reverse Connector





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