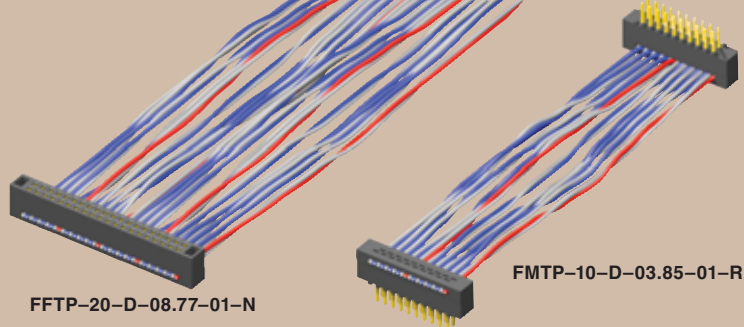




(1,27mm) .050"

FFTP, FMTF SERIES



# TIGER EYE™ TWISTED PAIR IDC CABLES

Mates with:  
FTS, FTSH, EHF, SHF

## SPECIFICATIONS

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

**Insulator Material:** PBT  
**Contact:** BeCu  
**Plating:** 10µ" (0,25µm) Au over 50µ" (1,27µm) Ni on contact area; Sn over 50µ" (1,27µm) Ni on balance  
**Wire:** 30 AWG 7/40, Tinned, Twisted Pair with PVC insulator  
**Current Rating:** 0.5A  
**Operating Temp Range:** -40°C to +105°C  
**Lead Size Accepted:** (0,41mm) .016" SQ  
**Contact Resistance:** 15 mΩ max delta from initial  
**Insertion Depth:** (2,64mm) .104" to (3,17mm) .125"  
**Insertion Force:** (Single contact only) 5oz (1,39N) avg.  
**Withdrawal Force:** (Single contact only) 3oz (0,83N) avg.  
**RoHS Compliant:** Yes



**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 (Call for other sizes)	-D = Double End	-03.85 = (97,79mm) 3.85" -08.77 = (222,76mm) 8.77" -18.00 = (457,20mm) 18.00" Other sizes and lengths available. Contact Samtec.		-N = Notch Polarization (Standard)	-R = Reverse Connector

FFTP	
Cable Length	Rated @ 7dB Insertion Loss
	-SE
3.85" (97,8mm)	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)

Mates with:  
FLE\*, SFMC\*

## SPECIFICATIONS

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

**Insulator Material:** PBT  
**Terminal:** BeCu  
**Plating:** Sn over 50µ" (1,27µm) Ni  
**Wire:** 30 AWG 7/40, Tinned, Twisted Pair with PVC insulator  
**Current Rating:** 0.5A  
**Operating Temp Range:** -40°C to +105°C  
**RoHS Compliant:** Yes



## APPLICATION SPECIFIC OPTION

Other cable lengths available. Call Samtec.

**\*Note:** Standard FMTF 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.

FMTF	PINS PER ROW	END ASSEMBLY	ASSEMBLY LENGTH	01	TRANSFER OPTION	OPTION
	-05, -08, -10, -13, -17, -20, -25 (Call for other sizes)	-D = Double End -T = Transfer End	-03.85 = (97,79mm) 3.85" -08.77 = (222,76mm) 8.77" -18.00 = (457,20mm) 18.00" Other sizes and lengths available. Contact Samtec.		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)