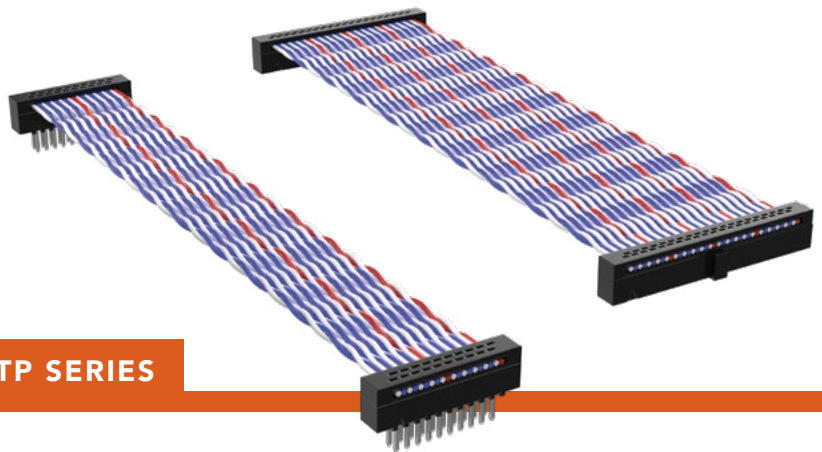


# TWISTED PAIR IDC CABLES



(1.27 mm) .050" PITCH • FFTP/FMTP SERIES

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

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

**SPECIFICATIONS**

**Insulator Material:**  
PBT  
**Contact:**  
FFTP=BeCu  
**Terminal:**  
FMTP=Phosphor Bronze  
**Plating (FFTP):**  
FFTP=10 μ" (0.25 μm)  
Au over 50 μ" (1.27 μm)  
Ni on contact area; Sn over 50 μ" (1.27 μm) Ni  
FMTP=Sn over 50 μ" (1.27 μm) Ni on balance  
**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  
**Insertion Depth (FFTP):**  
FFTP=(2.64 mm) .104" to (3.17 mm) .125"

FFTP	NO. 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

**ALSO AVAILABLE**

Other sizes  
(MOQ Required)

FMTP	NO. 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

**\*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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec:](#)

[FMTP-04-D-08.77-01](#)