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[Printer-friendly format](#) **3M™ Twisted Pair, Flat Cable, .050" 28 AWG Stranded, 10 Color Repeat, 1700/14, 100 ft.**
14 conductors, Mass Terminatable, PVC, Standard



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3M Id : 80-6106-7246-3
GTIN(UPC/EAN) : 0 00 54007 53973 5



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- Wires are color coded for easy identification
- Twist and flat repeat has variable length option
- Can be mass terminated to a broad line of IDC connectors
- Provides reduced crosstalk in balanced drive applications
- 28 AWG stranded wire provides flexibility and extended product life
- 10 color repeat
- RoHS compliant

For more information, refer to TS0115

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[3M™ Twisted Pair Flat Cable, .050" 28AWG,1700 Series,TS0115 - Data Sheet \(PDF 146.3 K\)](#)

Please Note:

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Characteristics

Capacitance -- Balanced	13.3 Picofarad
Capacitance -- Unbalanced	15.9 Picofarad
Conductor Material	Copper
Conductor Resistance	65 Ohm
First Position Marking	Brown
Flammability Rating -- Canada	FT1
Flammability Rating -- EU	None
Flammability Rating -- USA	VW-1

Impedance -- Balanced	122 Ohm
Impedance -- Unbalanced	101 Ohm
Inductance -- Balanced	.20 Microhenry
Inductance -- Unbalanced	.16 Microhenry
Jacket	No
Lower Temperature Rating	-20 Degree Celsius
Number of Conductors	14
Pitch	.050 Inch
Plating Material	Tin
Primary Configuration	Twist & Flat
Primary Insulation Color	Multi
Primary Insulation Material	Polyvinyl Chloride (PVC)
Primary Trademark Name	3M
Propagation Delay -- Balanced	1.63 Nanosecond
Propagation Delay -- Unbalanced	1.61 Nanosecond
Shape	Flat
Shield	No
Stranding	7 X 36 [7 X 0.127]
UL File Number	E42769
UL Listed -- USA	None
UL Recognized -- USA	AWM Style 20462
UL Recognized-- Canada	IA
Upper Temperature Rating -- Canada	80 Degree Celsius
Upper Temperature Rating -- USA	105 Degree Celsius
Voltage Rating -- Canada	150 Volt
Voltage Rating -- EU	>0 to <50 Volt
Voltage Rating -- USA	300V
Wire Gauge	28 American Wire Gauge (AWG)