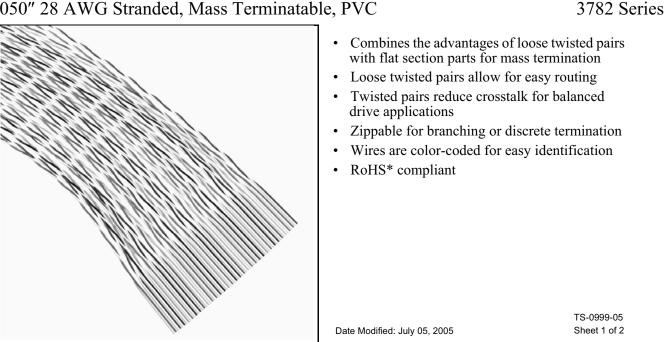
3M[™] Twisted Pair Flat Cable

.050" 28 AWG Stranded, Mass Terminatable, PVC



Physical

Insulation Material:	Polyvinyl Chloride (PVC)
Color:	10 Color Repeat with White Common
Marking	
Standard:	None
Conductors:	28 AWG $$ 7 x 36 [7 x 0.127] Tinned Stranded Copper

Electrical

Voltage Rating:	USA: 300V	EU: <50V	
Insulation Resistance:	$>1\times10^{10}~\Omega\!/10$ ft. [3m]	
	Unbalanced		Balanced
Characteristic Impedance:	115 Ω		139 Ω
Capacitance:	43.6 pF/m (13.3 pF/	ft)	36.1 pF/m (11.0 pF/ft)
Inductance:	.59 μ H/m (0.52 μ H/	ft)	.69 μH/m (0.21 μH/ft)
Propagation Delay:	5.0 ns/m (1.53 ns/ft)		5.0 ns/m (1.53 ns/ft)
Velocity of Propagation:	66%		66%

Note: Unbalanced is measured between ground-signal-ground conductors. Balanced is measured between conductors within a pair.

Environmental

Temperature Rating: USA: -20° C to +80° C Flammability Rating: USA: VW-1

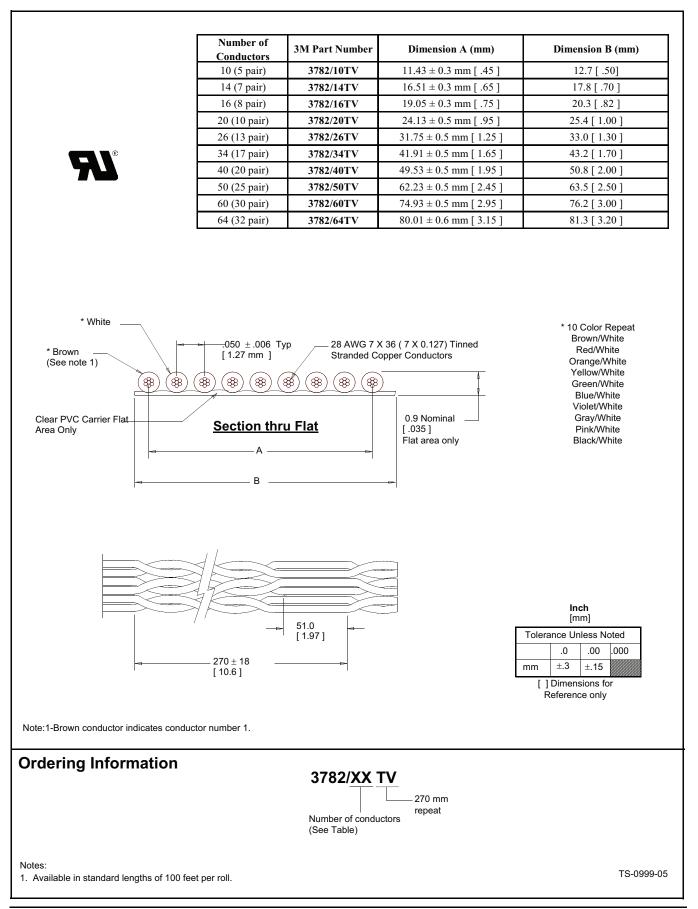
* RoHS = Directive 2002/95/EC, Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment "RoHS compliant" means that the product or part does not contain any of the following substances in excess of the following maximum concentration values in any homogeneous material, unless the substance is in an application that is exempt under RoHS: (a) 0.1% (by weight) for lead, mercury, hexavalent chromium, polybrominated biphenyls or prolybromianted diphenyl ethers; or (b) 0.01% (by weight) for cadmium. Unless otherwise stated by 3M in writing, this information represents 3M's knowledge and belief based upon information provided by third party suppliers to 3M.

UL File No.: E42769, Style No.: 20488

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3782 Series



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Electronics

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Minimum 10% Post-Consumer Fiber

Printed in USA.

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