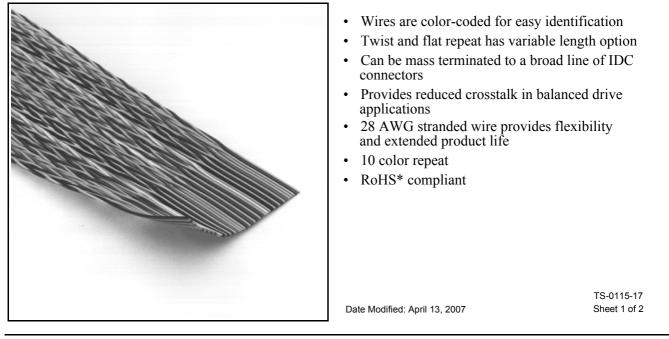
3M[™] Twisted Pair Flat Cable

.050" 28 AWG Stranded, Mass Terminatable Pair, PVC

1700 Series



Physical

Insulation Material:	Polyvinyl Chloride (PVC)
Color:	10 Color Repeat with Tan Common
Marking:	None
Canadian Option:	RY AWM 20462 105C 300V VW1 3M NU C RYAWM IA 80C 150V FT1 EU <50V
Conductors:	28 AWG, 7 x 36 AWG [7 x Ø 0.127] Tinned Stranded Copper

Electrical

Voltage Rating:	USA: 300V	Canada: 150V	EU: <50V
Insulation Resistance:	$>1\times10^9\Omega/10$ ft. [3m]	
	Unbalanced		Balanced
Characteristic Impedance:	101 Ω		122 Ω
Capacitance:	15.9 pF/ft [52.2 pF/	m]	13.3 pF/ft [43.6 pF/m]
Inductance:	0.16 µH/ft [0.53 µl	H/m]	0.20 µH/ft [0.66 µH/m]
Propagation Delay:	1.61 ns/ft [5.28 ns/n	n]	1.63 ns/ft [5.35 ns/m]
Velocity of Propagation:	63%		62%

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

Environmental

Temperature Rating: USA: -20° C to +105° C Canada: -20° C to +80° C Flammability Rating: USA: VW-1 Canada: FT1

*"RoHS Compliant 2005/95/EC" means that the product or part ("Product") does not contain any of the substances in excess of the maximum concentration values in EU Directive 2002/95/EC, as amended by Commission Decision 2005/618/EC, unless the substance is in an application that is exempt under EU RoHS. This information represents 3M's knowledge and belief which may be based in whole or in part on information provided by third party suppliers to 3M.

> In the event any product is proven not to conform with 3M's Regulatory Information Appendix, then 3M's entire liability and Buyer's exclusive remedy will be in accordance with the Warranty stated below.

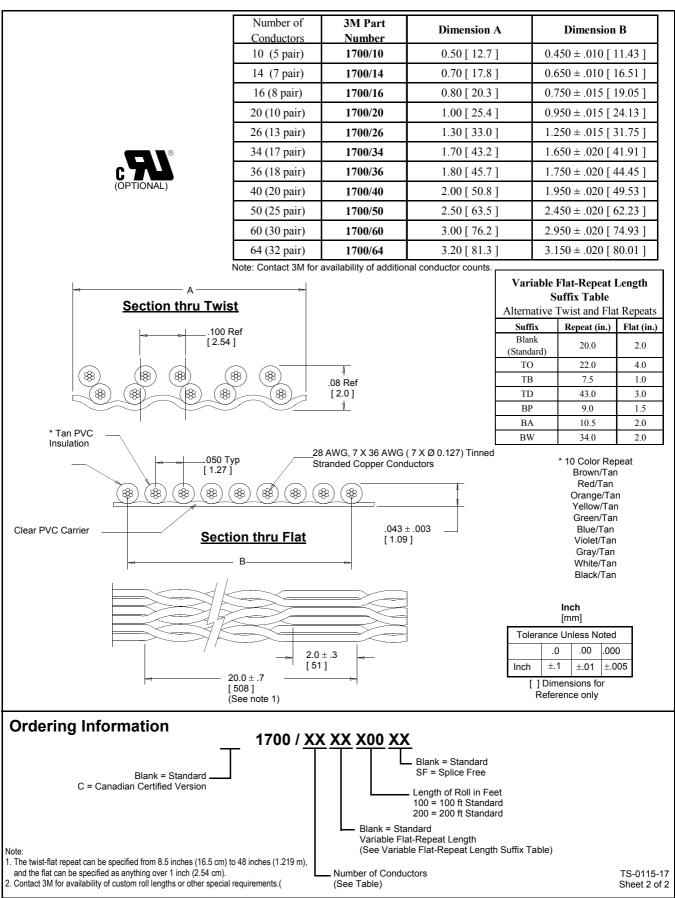
UL File No.: E42769, Style No.: 20462

3M Interconnect Solutions http://www.3M.com/interconnects/

3M[™] Twisted Pair Flat Cable

.050" 28 AWG Stranded, Mass Terminatable Pair, PVC

1700 Series



3M Interconnect Solutions

http://www.3M.com/interconnects/

Important Notice

All statements, technical information, and recommendations related to 3M's products are based on information believed to be reliable, but the accuracy or completeness is not guaranteed. Before using this product, you must evaluate it and determine if it is suitable for your intended application. You assume all risks and liability associated with such use. Any statements related to the product which are not contained in 3M's current publications, or any contrary statements contained on your purchase order shall have no force or effect unless expressly agreed upon, in writing, by an authorized officer of 3M.



3M Electronics 6801 River Place Blvd. Austin, TX 78726-9000 800/225-5373 www.3M.com/electronics

Warranty; Limited Remedy; Limited Liability.

This product will be free from defects in material and manufacture for a period of one (1) year from the time of purchase. **3M MAKES NO OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** If this product is defective within the warranty period stated above, your exclusive remedy shall be, at 3M's option, to replace or repair the 3M product or refund the purchase price of the 3M product. Except where prohibited by law, 3M will not be liable for any indirect, special, incidental or consequential loss or damage arising from this 3M product, regardless of the legal theory asserted.

Minimum 10% Post-Consumer Fiber

Printed in USA. © All rights reserved. 3M 2007