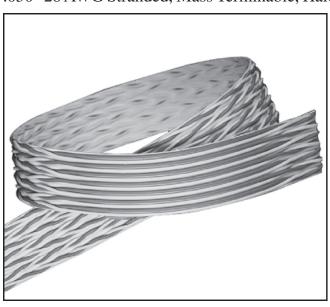
3M[™] Twisted Pair Flat Cable

.050" 28 AWG Stranded, Mass Terminable, Halogen Free Polyolefin

2100 Series



- Advantage of this halogen free insulation are low smoke (BSS 7238) and low toxicity of combustion gases (NES 713) reducing the risk to firefighters and low corrosivity of combustion gases (pH≈6.0) reducing damage to nearby equipment
- 28 AWG stranded conductors on .050 inch pitch permits mass terminations to a broad line of IDC connectors
- Please contact your 3M sales representative for variations not described in this specification
- See Regulatory Information Appendix chemical compliance information (RIA E1 & C1 apply)

Date Modified: Septmeber 9, 2010

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Physical

Insulation:

Material: Halogen-Free Polyolefin (PO) Appl tolix C1 & E1 apply.

Color: Blue / Off-White Pairs

Marking:

Standard: None

Conductors: $28 \text{ AWG } 7 \times 36$ Tinned Stranded Copper

Electrical

Voltage Rating: USA: 13 EU: <50V

Insulation Resistance: $> 10^{10} \Omega/10 \text{ ft.} [3 \text{ m}]$

Characteristic Impedanc nbalanced **Balanced**

 119Ω

Capa (tance: 16.9 pF/ft [55.4 pF/m] 14.6 pF/ft [47.9 pF/m] in u tance: 0.18 μ H/ft [0.59 μ H/m] $0.21 \,\mu''/\text{ft} \,[\,0.69 \,\mu''/m\,]$

Propty on Delay: 1.74 ns/ft [5.71 ns/m] 1.73 ns/ft [5.68 ns/m]

Velocity of Propagation: 58% 59%

ed by ween ground-signal-ground conductors. Balanced is measured between conductors within a pair. Note: Unbalanced is me

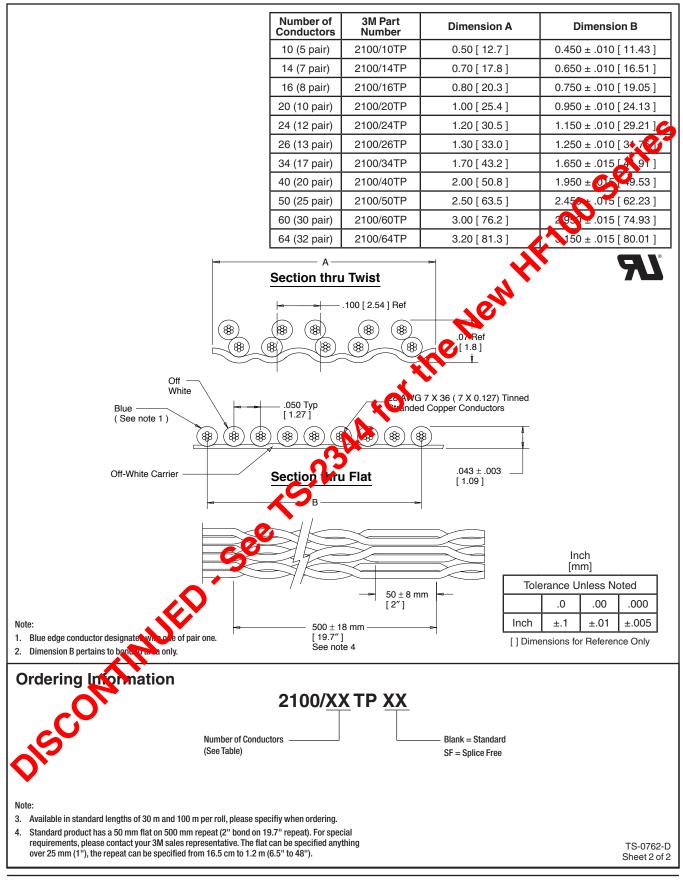
Temperature Rating: -20°C to +80°C

Flammability Rating: USA: ULVW-1 EU: IEC 332-1 & -3

UL File No.: E42769, Style No: 21008

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FED. see 15.230 A for the New Hr. 100 series

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3M Electronics Solutions Division

6801 River Place Blvd. Austin, TX 78726-9000 U.S.A. 1-800-225-5373 www.3Mconnector.com