.050"/1.27mm Round-Jacketed, Shielded, Twisted Pair Flat Cable 28 AWG Stranded, Mass Terminatable, PVC/PVC 3784 Series



- 28 AWG stranded wire to provide flexibility
- Twisted pairs reduce crosstalk for balanced drive applications
- Wire are colour coded for easy identification
- Jacket is round for better flexibility
- Flat section parts for mass termination
- Shielding provides excellent EMI/ESD protection

Physical

Insulation Material: Polyvinyl Chloride (PVC) Color: Grey

Primary MaterialPVCMarkingStandard:Standard:UL AWM 2935 VW-1 300V 80C E65859 3M EU <50V</td>Conductors28 AWG 7 x 36 [7 x 0.127] Tinned Stranded CopperShieldingTinned Copper Braid Shield, 80% min. coverage

Electrical

Voltage Rating:	USA: 300V EU: <50V	
Insulation Resistance:	>1 x 10 ¹⁰ Ω /10ft [3m]	
	Unbalanced	Balanced
Characteristic Impedance:	71 Ω	123 Ω
Capacitance:	24.1 pF/ft (79.1 pF/m)	13.9 pF/ft (45.6 pF/m)
Inductance:	.12 μH/ft (0.39 μH/m)	.21µH/ft (0.69 µH/m)
Propagation Delay:	1.72 ns/ft (5.64 ns/m)	1.71 ns/ft (5.61 ns/m)
Velocity of Propagation:	59%	59%
Unhalanced is measured between conductors within a pair with one conductor connected to the shield		

Note: Unbalanced is measured between conductors within a pair with one conductor connected to the shield. Balanced is measured between conductors within a pair with the shield floating.

Environmental

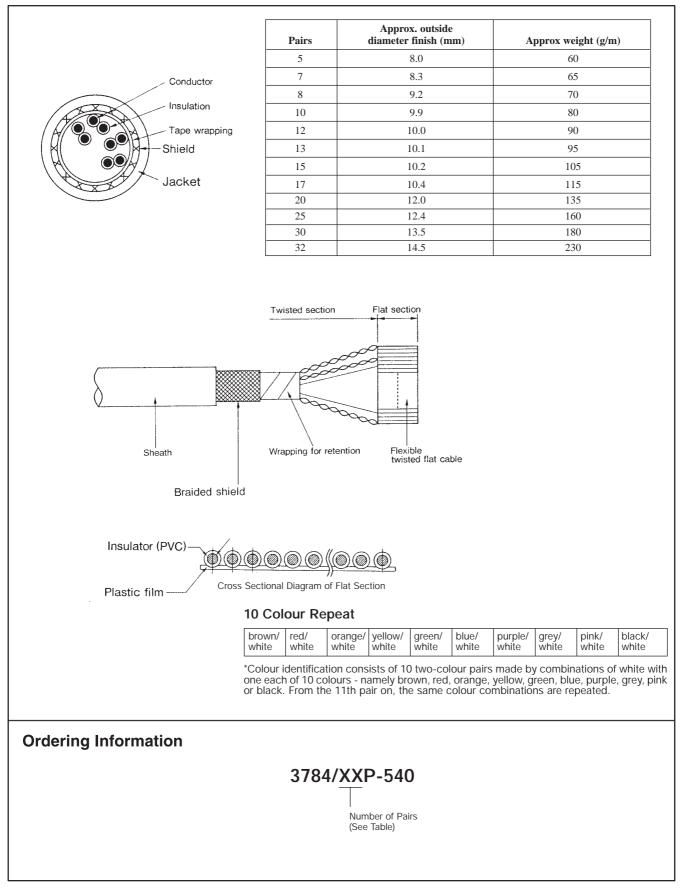
Temperature Rating: -20° C to +80°C **Flammability Rating:** UL: VW-1

UL File No.: E65859, Style No.: 2935

3M Electronic Products Division

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

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