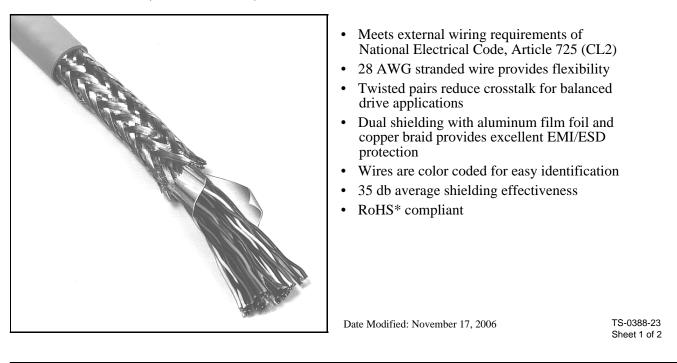
## 3M<sup>TM</sup> Round, Shielded Jacketed, Disc. Wire Cable 28 AWG Stranded, Twisted Pair, PVC/PVC 3600X Series



## Physical

Jacket Material: Polyvinyl Chloride (PVC); Color: Beige

Primary Material:	PVC
Marking	
Standard:	(UL) CL2 75C 28 AWG 3M XX C NAWM II A/B 80C 150V FT1 EU <50V (where XX may be NU, MR or NW)
Conductors:	28 AWG, 7 × 36 AWG [ $7 \times 0.127$ ] Tinned Stranded Copper
Shielding:	0.001 [ 0.03 ] Thick Aluminum/Polyester Film Foil and 90% Coverage Tinned Copper Braid

## Electrical

Voltage Rating:	USA: N.E.C. 725, CL2	Canada: 150V	EU: <50V
Insulation Resistance:	(Primary Cable)> $1 \times 10^{10} \Omega / 10$ ft. [ 3m ]		
	Unbalanced	Balanced	
Characteristic Impedance:	58 Ω	91 Ω	
Capacitance:	29.2 pF/ft [ 95.8 pF/m ]	18.5 pF/ft [ 60.7 pF/m ]	
Inductance:	0.10 µH/ft [ 0.33 µH/m ]	$0.15~\mu\text{H/ft}$ [ $0.49~\mu\text{H/m}$ ]	
<b>Propagation Delay:</b>	1.69 ns/ft [ 5.54 ns/m ]	1.69 ns/ft [ 5.54 ns/m ]	
Velocity of Propagation:	60%	60%	

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.

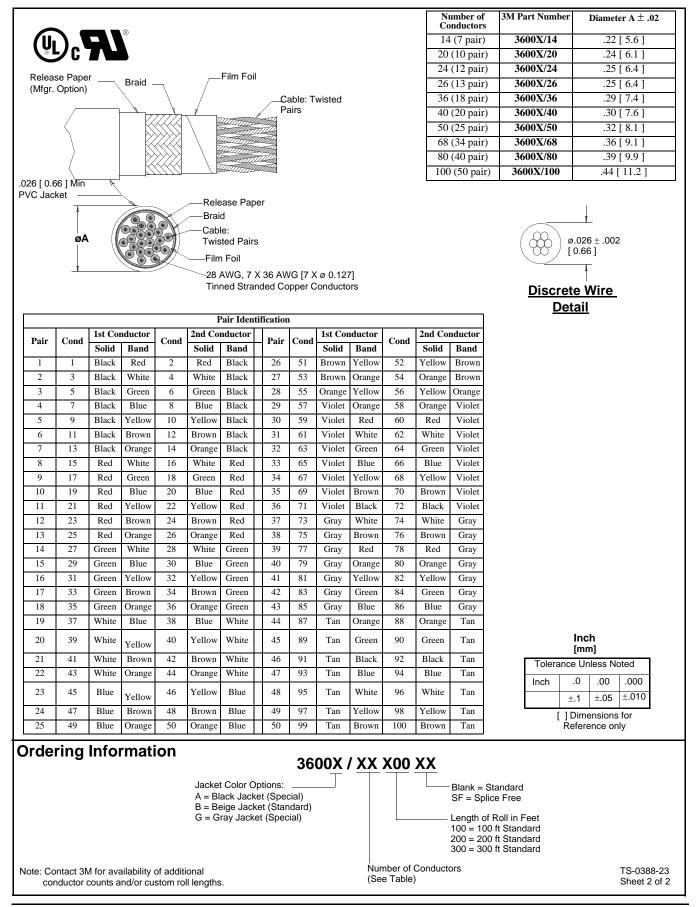
### Environmental

Temperature Rating:USA:CL2:75°C MaxCanada:80°CFlammability Rating:USA:N.E.C.725,CL2Canada:FT1

"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 polybrominated 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.: E118773, Power Limited Circuit Cable; CL2

# 3M<sup>TM</sup> Round, Shielded Jacketed, Disc. Wire Cable 28 AWG Stranded, Twisted Pair, PVC/PVC 3600X Series



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Minimum 10% Post-Consumer Fiber

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