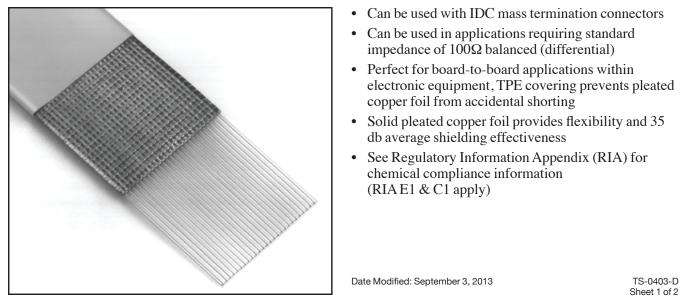
# $3M^{\text{TM}}$ Pleated Foil Shielded Cable

.050" 28 AWG Stranded, TPE Primary, Thin TPE Cover



## **Physical**

<b>Cover Material:</b>	Thermoplastic Elastomer (TPE) Color: Gray		
Primary Material:	Thermoplastic Elastomer (TPE) Color: Natural		
Marking Standard:	None		
Canadian Option:	<b>AWM 20674 105C 300V VW1 3M NU</b> C <b>A</b> AWM IA 105C 150V FT1 EU <50V		
<b>Conductors:</b>	28 AWG, 7 × 36 AWG [ 7 × Ø 0.127 ] Tinned Stranded Copper		
Shielding:	Solid, Pleated, Copper Foil		

### **Electrical**

Voltage Rating:	USA: 300V	Canada: 150V	EU: <50V
<b>Insulation Resistance:</b>	(Primary Cable) > $1 \times 10^{10} \Omega/10$ ft. [ 3 m ]		
Characteristic Impedance:	Unbalanced 53 Ω	<b>Balanced</b> 110 Ω	l
Capacitance:	28.1 pF/ft [ 92.2 pF/n	m] 13.4 pF/ft	[ 44.0 pF/m ]
Inductance:	0.08 µH/ft [ 0.26 µH	/m ] 0.16 µH/f	t [ 0.54 µH/m ]
<b>Propagation Delay:</b>	1.49 ns/ft [ 4.89 ns/m	n] 1.48 ns/ft	[ 4.86 ns/m ]
Velocity of Propagation:	68%	69%	

Note: Unbalanced is measured between ground-signal-ground conductors, with shield grounded. Balanced is measured between signal conductors within a pair, with the shield floating.

## Environmental

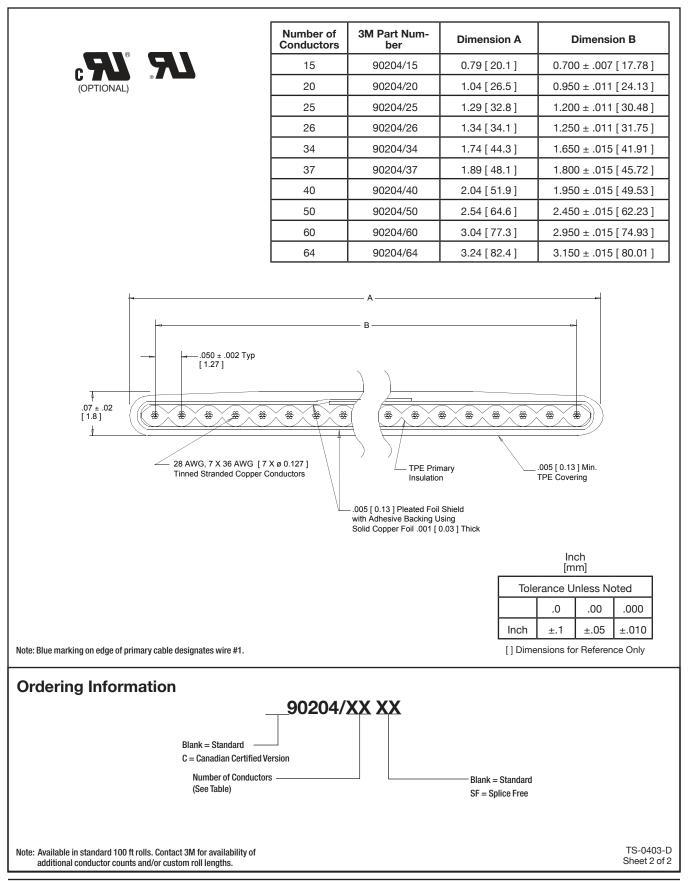
Temperature Rating:-20°C to +105°CFlammability Rating:USA: VW-1Canada: FT1

UL File No.: E42769, Style No.: 20674

## $3M^{\text{TM}}$ Pleated Foil Shielded Cable

.050" 28 AWG Stranded, TPE Primary, Thin TPE Cover

90204 Series



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