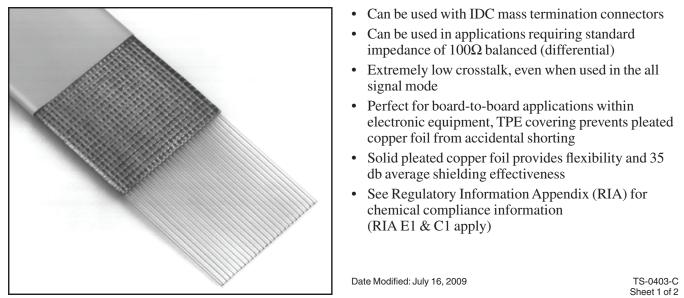
3M[™] Pleated Foil Shielded Cable

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



Physical

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

Electrical

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

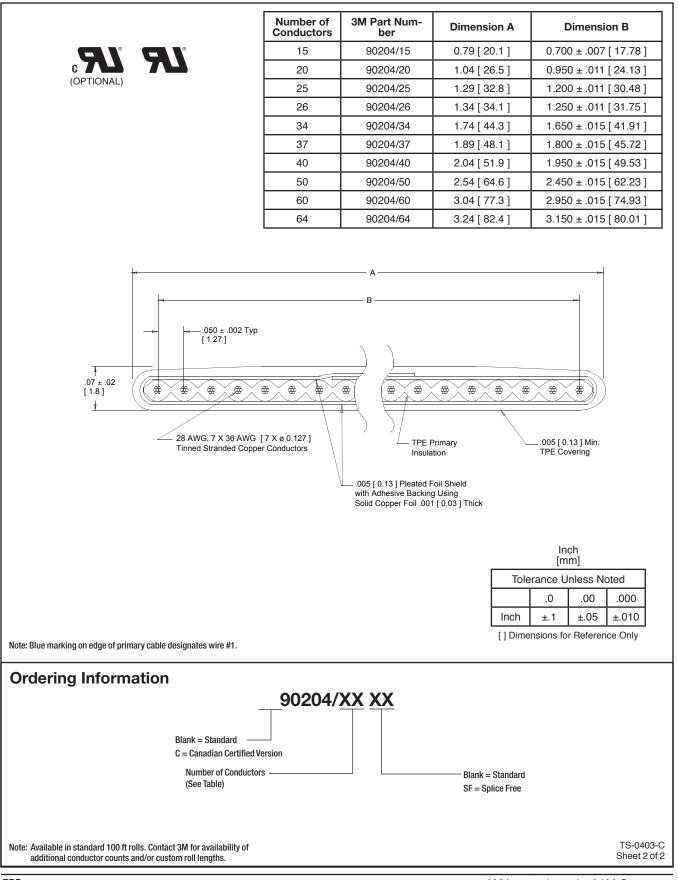
UL File No.: E42769, Style No.: 20674

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

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90204 Series



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