

High-Temperature

Overall Beldfoil® Shield

Control and Instrumentation Cables

Description	Part No.	UL NEC/ C(UL) CEC Type	No. of Cond.	Color Code	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Nominal Capacitance			
					Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	* pF/ Ft.	* pF/ m	** pF/ Ft.	** pF/ m

22 AWG Stranded (7x30) TC Conductors • Conductors Cabled • Special Beldfoil Shield (100% Coverage) • 22 AWG (7x30) Stranded TC Drain Wire

FEP Insulation • Red Silicone Rubber Jacket • Noise Reducing Tape

Jacket working voltage 2000V DC, shield to ground VW-1	83394	AWM 4516	2	Black, White	100 500†	30.5 U-152.4	3.6 14.5	1.6 6.6	.015 500†	.38 152.4	.030 13.0	.76 5.9	.199 13.0	5.05	22	72	40	131
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70°C (min.) to 150°C (max.) operating temperature.

Jacket working voltage 2000V DC, shield to ground VW-1	83395	AWM 4516	3	Black, Red, White	100 500†	30.5 152.4	3.9 14.0	1.8 6.4	.015	.38	.031	.79	.208	5.28	22	72	40	131
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70°C (min.) to 150°C (max.) operating temperature.

20 AWG Stranded (7x28) TC Conductors • Twisted Pair • Special Beldfoil Shield (100% Coverage) • 20 AWG (7x28) Stranded TC Drain Wire

FEP Insulation • Yellow Silicone Rubber Jacket • Noise Reducing Tape

Jacket working voltage 2000V DC, shield to ground VW-1	83393	AWM 4516	2	Black, Red	100†† 500†	30.5 U-152.4	4.2 18.5	1.9 8.4	.020 500†	.51 152.4	.030 17.0	.76 7.8	.242	6.15	22	72	40	131
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70°C (min.) to 150°C (max.) operating temperature.

20 AWG Stranded (7x28) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • Drain Wire

Tefzel® Insulation • Clear Tefzel Jacket

300V RMS 150°C VW-1	85230	—	2	Black, Red	500† 1000†	152.4 304.8	12.5 29.0	5.7 13.2	.015	.38	.020	.51	.182	4.62	31	102	59	194
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300V RMS 150°C VW-1	85240	—	3	Black, Red, Green	100 1000†	30.5 304.8	4.6 30.0	2.1 13.6	.015	.38	.020	.51	.193	4.90	27	87	48	157
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16 AWG Stranded (19x29) TC Conductors • Conductors Cabled • Overall Beldfoil Shield (100% Coverage) • Drain Wire

Tefzel Insulation • Clear Tefzel Jacket

300V RMS 150°C VW-1	85231	—	2	Black, Red	100 500† 1000†	30.5 152.4 304.8	5.6 17.0 38.0	2.5 7.8 17.3	.020	.51	.020	.51	.210	5.33	44	144	79	259
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300V RMS 150°C VW-1	85241	—	3	Black, Red, Green	500† 1000†	152.4 304.8	22.5 49.0	10.3 22.3	.020	.51	.020	.51	.223	5.66	34	112	61	201
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TC = Tinned Copper

*Capacitance between conductors. **Capacitance between one conductor and other conductors connected to shield.
†Spools and/or UnReel® cartons are one piece, but length may vary ±10% for spools and ±5% for UnReel from length shown.
††100 ft. put-up one piece, exact length.

Tefzel and Kapton are DuPont trademarks.