

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	30.5	3.6	1.6	.015	.38	.030	.76	.199	5.05	22	72	40	131
					U-500 [†] 500 [†]	U-152.4 152.4	14.5 13.0	6.6 5.9										



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	30.5	3.9	1.8	.015	.38	.031	.79	.208	5.28	22	72	40	131
					U-500 [†]	U-152.4	14.0	6.4										



70°C (min.) to 150°C (max.) operating temperature.

	83396	AWM 4516	4	Black, White, Red, Green	100	30.5	3.9	1.8	.015	.38	.030	.76	.217	5.51	22	72	40	131
					U-500 [†]	U-152.4	16.0	7.3										

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 ^{††}	30.5	4.2	1.9	.020	.51	.030	.76	.242	6.15	22	72	40	131
					U-500 [†]	U-152.4	18.5	8.4										



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 [†]	152.4	12.5	5.7	.015	.38	.020	.51	.182	4.62	31	102	59	194
					1000 [†]	304.8	29.0	13.2										



300V RMS 150°C VW-1	85240	—	3	Black, Red, Green	100	30.5	4.6	2.1	.015	.38	.020	.51	.193	4.90	27	87	48	157
					1000 [†]	304.8	30.0	13.6										



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	30.5	5.6	2.5	.020	.51	.020	.51	.210	5.33	44	144	79	259			
					500 [†]	152.4	17.0	7.8													
					1000 [†]	304.8	38.0	17.3													



300V RMS 150°C VW-1	85241	—	3	Black, Red, Green	500 [†]	152.4	22.5	10.3	.020	.51	.020	.51	.223	5.66	34	112	61	201
					1000 [†]	304.8	49.0	22.3										



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.

BELDEN

For more information, contact Belden Technical Support: 1-800-BELDEN-1 • www.belden.com

Belden114@CableCon.kr / 0707-434-7704 / Fax. 02-744-0909 / www.CableCon.co.kr