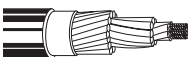


INDUSTRIAL AUTOMATION & PROCESS CONTROL CABLES

18.35

InfinityFlexible Automation Cable

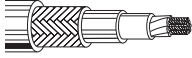
600V FCC Control Cables for Moderate Flexing
(1 Million Flex Cycles*)

Description	Part No.	No. of Cond.	Standard Lengths		Standard Unit Weight		Insulation Thickness		Jacket Thickness		Nominal OD		Maximum Pull Tension	
			Ft.	m	Lbs.	kg	Inch	mm	Inch	mm	Inch	mm	Lbs.	N
18 AWG Stranded (16x30) Bare Copper Conductors • Unshielded • Color Code: Black w/numbers + Green/Yellow ground														
PVC Insulation • Gray Oil- and Abrasion-resistant PVC Jacket														
UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B 	7409A	2	250 †	76.2	13.3	6.0	.022	.56	.040	1.02	.264	6.71	50	222
			500 †	152.4	26.5	12.0								
			1000 †	304.8	51.0	23.2								
	7410A	3	250 †	76.2	16.3	7.4	.022	.56	.040	1.02	.280	7.11	74	329
			500 †	152.4	25.0	11.4								
			1000 †	304.8	48.0	21.8								
	7411A	4	250 †	76.2	18.8	8.5	.022	.56	.040	1.02	.305	7.75	98	436
			500 †	152.4	31.0	14.1								
			1000 †	304.8	58.0	26.3								
	7412A	5	250 †	76.2	21.8	9.9	.022	.56	.040	1.02	.330	8.38	122	542
			500 †	152.4	36.0	16.3								
			1000 †	304.8	69.0	31.3								
	7413A	7	250 †	76.2	27.5	12.5	.022	.56	.040	1.02	.385	9.78	171	760
			500 †	152.4	46.0	20.9								
			1000 †	304.8	120.0	54.5								
	7414A	9	250 †	76.2	36.5	16.6	.022	.56	.050	1.27	.452	11.48	220	978
			500 †	152.4	87.0	39.5								
			1000 †	304.8	174.0	79.0								
	7415A	12	250 †	76.2	40.0	18.2	.022	.56	.050	1.27	.475	12.07	292	1298
		500 †	152.4	75.5	34.3									
		1000 †	304.8	161.0	73.1									
7416A	18	250 †	76.2	55.8	25.3	.022	.56	.050	1.27	.560	14.22	440	1957	
		500 †	152.4	112.5	51.1									
7417A	25	250 †	76.2	74.3	33.7	.022	.56	.072	1.83	.696	17.68	520	2313	
		500 †	152.4	149.0	67.6									
7418A	34	250 †	76.2	111.3	50.5	.022	.56	.072	1.83	.788	20.02	830	3692	
		500 †	152.4	215.5	97.8									
7419A	41	500 †	152.4	295.0	133.9	.022	.56	.075	1.91	.860	21.84	1001	4453	
7420A	50	250 †	76.2	186.5	84.7	.022	.56	.083	2.11	.940	23.88	1220	5427	

Temp Rating: -40° to 90°C
(-5° to 90°C flexing)

Temp Rating: -40° to 90°C
(-5° to 90°C flexing)

18 AWG Stranded (16x30) BC Conductors • TC Braid Shield (85% Coverage) • Color Code: Black w/numbers + Green/Yellow ground

PVC Insulation • PVC Inner Jacket • Gray Oil- and Abrasion-resistant PVC Outer Jacket														
 UL AWM Style 2587 (600V 90°C) CSA AWM I/II A/B	7411AS	4	250 †	76.2	29.0	13.2	.022	.56	Inner: .025 Outer: .032		.365	9.27	83	369
			500 †	152.4	56.5	25.7					.64			
											.81			
	7413AS	7	250 †	76.2	37.5	17.0	.022	.56	Inner: .025 Outer: .035		.450	11.43	145	645
			500 †	152.4	74.0	33.6					.64			
											.89			
	7415AS	12	250 †	76.2	61.5	27.9	.022	.56	Inner: .025 Outer: .045		.550	13.97	230	1023
			500 †	152.4	124.0	56.3					.64			
											1.14			
	7416AS	18	250 †	76.2	83.3	37.8	.022	.56	Inner: .025 Outer: .055		.650	16.51	374	1663
			500 †	152.4	169.0	76.7					.64			
											1.40			
	7417AS	25	250 †	76.2	113.8	51.6	.022	.56	Inner: .025 Outer: .060		.765	19.43	520	2313
			500 †	152.4	228.0	103.5					.64			
											1.52			

Temp Rating: -40° to 90°C
(-5° to 90°C flexing)

BC = Bare Copper • TC = Tinned Copper

*Based on proper installation techniques in a C-track cable guide.

†Final put-up length may vary ±10% from length shown.