


PTFE / EE

PTFE insulated cores, based on: NEMA HP-3
Intended for use as internal wiring of equipment
1000 V AC

Order reference		Conductor				Finished wire				Electrical	
		Silver Plated Copper (SPC)				PTFE			Weight	DC resistance	DC Current rating In free air at 40°C
		Size	Stranding	Wire	Core	Tolerance					
Description	Article Number	AWG	mm ²	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
EE 3201	513cc3201	32	0.03	1 x 0.203	0.20	0.96	0.86	1.07	1.8	544	4
EE 3207	513cc3207		0.04	7 x 0.079	0.24	1.02	0.92	1.12	2.0	557	
EE 3219	513cc3219		0.04	19 x 0.051	0.25	1.02	0.92	1.12	2.0	515	
EE 3001	513cc3001	30	0.05	1 x 0.254	0.25	1.02	0.92	1.12	2.1	347	6
EE 3007	513cc3007		0.06	7 x 0.102	0.30	1.07	0.97	1.17	2.3	328	
EE 3019	513cc3019		0.06	19 x 0.064	0.32	1.07	0.97	1.17	2.3	323	
EE 2801	513cc2801	28	0.08	1 x 0.320	0.32	1.09	0.99	1.19	2.5	218	8
EE 2807	513cc2807		0.09	7 x 0.127	0.38	1.14	1.04	1.24	2.9	208	
EE 2819	513cc2819		0.09	19 x 0.079	0.39	1.14	1.04	1.24	2.9	207	
EE 2601	513cc2601	26	0.13	1 x 0.404	0.40	1.17	1.07	1.27	3.2	137	10
EE 2607	513cc2607		0.14	7 x 0.160	0.48	1.24	1.14	1.35	3.6	130	
EE 2619	513cc2619		0.16	19 x 0.102	0.48	1.24	1.14	1.37	3.8	122	
EE 2401	513cc2401	24	0.20	1 x 0.511	0.51	1.27	1.17	1.37	4.1	85.9	13
EE 2407	513cc2407		0.22	7 x 0.203	0.60	1.37	1.27	1.47	4.8	80.3	
EE 2419	513cc2419		0.24	19 x 0.127	0.60	1.37	1.27	1.50	5.0	77.4	
EE 2201	513cc2201	22	0.32	1 x 0.643	0.64	1.41	1.30	1.52	5.6	54.1	17
EE 2207	513cc2207		0.36	7 x 0.254	0.76	1.52	1.42	1.63	6.4	51.1	
EE 2219	513cc2219		0.38	19 x 0.160	0.76	1.52	1.42	1.68	6.7	48.5	
EE 0,5	513cc0050	-	0.50	19 x 0.185	0.88	1.68	1.58	1.78	7.0	40.1	23
EE 2001	513cc2001	20	0.52	1 x 0.813	0.81	1.57	1.47	1.68	7.7	33.7	23
EE 2007	513cc2007		0.56	7 x 0.320	0.96	1.73	1.63	1.83	8.9	32.1	
EE 2019	513cc2019		0.60	19 x 0.203	0.96	1.73	1.63	1.83	9.5	29.8	
EE 0,75	513cc0075	-	0.75	19 x 0.226	1.13	1.90	1.80	2.00	11	24.3	29
EE 1801	513cc1801	18	0.82	1 x 1.024	1.02	1.80	1.68	1.93	11	21.3	30
EE 1807	513cc1807		0.88	7 x 0.404	1.21	2.00	1.88	2.13	13	20.2	
EE 1819	513cc1819		0.96	19 x 0.254	1.20	2.00	1.88	2.13	14	18.9	
EE 1601	513cc1601	16	1.30	1 x 1.287	1.29	2.11	1.96	2.26	16	13.4	40
EE 1619	513cc1619		1.23	19 x 0.287	1.36	2.26	2.11	2.41	17	14.8	
EE 1,5	513cc0150	-	1.50	19 x 0.320	1.50	2.35	2.20	2.50	20	13.7	44
EE 1419	513cc1419	14	1.87	19 x 0.361	1.70	2.69	2.49	2.90	24	9.41	53
EE 2,5	513cc0250	-	2.50	61 x 0.225	1.95	2.88	2.68	3.08	30	8.21	60
EE 1219	513cc1219	12	3.02	19 x 0.455	2.14	3.17	2.97	3.38	36	5.93	71

Core identification: Replace 'cc' in the article number with 2 digits below to select from available colours

00 Black 11 Brown 22 Red 33 Orange 44 Yellow 55 Green 66 Blue 77 Violet 88 Grey 99 White 29 Pink

Marking Not applicable

Characteristics and key properties

CE	UK CA	RoHS REACH LVD		Current rating IEC 60287	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Complies with NEMA HP-3								Temp low -65°C	Temp >20,000 hrs +200°C	

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