


## PTFE / E

PTFE insulated cores, based on: NEMA HP-3  
Intended for use as internal wiring of equipment  
600 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 <sup>2</sup>	# x mm	Nom Ø	Nom Ø	Min Ø	Max Ø	Nom g/m	Max Ω/km	Amps
E 3201	512cc3201	32	0.03	1 x 0.203	0.20	0.74	0.64	0.84	1.1	544	4
E 3207	512cc3207		0.04	7 x 0.079	0.24	0.76	0.66	0.86	1.2	557	
E 3219	512cc3219		0.04	19 x 0.051	0.25	0.76	0.66	0.86	1.3	515	
E 3001	512cc3001	30	0.05	1 x 0.254	0.25	0.76	0.66	0.86	1.3	347	5
E 3007	512cc3007		0.06	7 x 0.102	0.30	0.81	0.71	0.91	1.5	328	
E 3019	512cc3019		0.06	19 x 0.064	0.32	0.81	0.71	0.91	1.5	323	
E 2801	512cc2801	28	0.08	1 x 0.320	0.32	0.84	0.74	0.94	1.7	218	7
E 2807	512cc2807		0.09	7 x 0.127	0.38	0.89	0.79	0.99	2.0	208	
E 2819	512cc2819		0.09	19 x 0.079	0.39	0.89	0.79	0.99	2.0	207	
E 2601	512cc2601	26	0.13	1 x 0.404	0.40	0.91	0.81	1.01	2.3	137	10
E 2607	512cc2607		0.14	7 x 0.160	0.48	0.99	0.89	1.09	2.7	130	
E 2619	512cc2619		0.16	19 x 0.102	0.48	1.00	0.90	1.10	2.8	122	
E 2401	512cc2401	24	0.20	1 x 0.511	0.51	1.02	0.92	1.12	3.1	85.9	13
E 2407	512cc2407		0.22	7 x 0.203	0.60	1.12	1.02	1.22	3.7	80.3	
E 2419	512cc2419		0.24	19 x 0.127	0.60	1.13	1.03	1.23	3.9	77.4	
E 2201	512cc2201	22	0.32	1 x 0.643	0.64	1.15	1.05	1.25	4.4	54.1	17
E 2207	512cc2207		0.36	7 x 0.254	0.76	1.27	1.17	1.37	5.2	51.1	
E 2219	512cc2219		0.38	19 x 0.160	0.76	1.30	1.20	1.40	5.5	48.5	
E 0,5	512cc0050	-	0.50	19 x 0.185	0.88	1.45	1.40	1.50	7.0	35.9	23
E 2001	512cc2001	20	0.52	1 x 0.813	0.81	1.32	1.22	1.42	6.5	33.7	22
E 2007	512cc2007		0.56	7 x 0.320	0.96	1.47	1.37	1.57	7.5	32.1	
E 2019	512cc2019		0.60	19 x 0.203	0.96	1.47	1.37	1.57	8.1	29.8	
E 0,75	512cc0075	-	0.75	19 x 0.226	1.13	1.65	1.60	1.70	10	24.3	29
E 1801	512cc1801	18	0.82	1 x 1.024	1.02	1.54	1.44	1.64	9.6	21.3	30
E 1807	512cc1807		0.88	7 x 0.404	1.21	1.75	1.65	1.85	12	20.2	
E 1819	512cc1819		0.96	19 x 0.254	1.20	1.75	1.65	1.85	12	18.9	
E 1601	512cc1601	16	1.30	1 x 1.287	1.29	1.87	1.77	1.97	15	13.4	39
E 1619	512cc1619		1.23	19 x 0.287	1.36	2.03	1.93	2.13	16	14.8	
E 1,5	512cc0150	-	1.50	19 x 0.320	1.50	2.15	2.10	2.20	18	13.7	45
E 1419	512cc1419	14	1.87	19 x 0.361	1.70	2.42	2.32	2.52	23	9.41	53
E 2,5	512cc0250	-	2.50	61 x 0.225	1.95	2.58	2.53	2.63	28	8.21	61
E 1219	512cc1219	12	3.02	19 x 0.455	2.14	2.90	2.80	3.00	34	5.93	70

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

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

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