

## PTFE / E

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

Order reference		Conductor				Finished wire				Electrical		
		Silver Plated Copper (SPC)				PTFE			Weight	DC resistance	DC Current rating In free air at 40°C	Voltage
		Size		Stranding	Wire	Core		Tolerance				
Description (NSN - if applicable)	Article Number	AWG	mm <sup>2</sup>	# x mm	Nom ∅	Nom ∅	Min ∅	Max ∅	Nom g/m	Ω/km	Amps	V AC U <sub>0</sub> /U
E 3201	512cc3201	32	0.03	1 x 0.203	0.20	0.74	0.64	0.84	1.1	544.6	4	600/1000
E 3207	512cc3207		0.04	7 x 0.079	0.24	0.76	0.66	0.86	1.2	557.7		
E 3219	512cc3219		0.04	19 x 0.051	0.25	0.76	0.66	0.86	1.3	515.0		
E 3001	512cc3001	30	0.05	1 x 0.254	0.25	0.76	0.66	0.86	1.3	347.7	5	
E 3007	512cc3007		0.06	7 x 0.102	0.30	0.81	0.71	0.91	1.5	328.0		
E 3019	512cc3019		0.06	19 x 0.064	0.32	0.81	0.71	0.91	1.5	323.4		
E 2801	512cc2801	28	0.08	1 x 0.320	0.32	0.84	0.74	0.94	1.7	218.8	7	
E 2807	512cc2807		0.09	7 x 0.127	0.38	0.89	0.79	0.99	2.0	208.6		
E 2819	512cc2819		0.09	19 x 0.079	0.39	0.89	0.79	0.99	2.0	207.0		
E 2601	512cc2601	26	0.13	1 x 0.404	0.40	0.91	0.81	1.01	2.3	137.4	10	
E 2607	512cc2607		0.14	7 x 0.160	0.48	0.99	0.89	1.09	2.7	130.2		
E 2619	512cc2619		0.16	19 x 0.102	0.48	1.00	0.90	1.10	2.8	122.3		
E 2401	512cc2401	24	0.20	1 x 0.511	0.51	1.02	0.92	1.12	3.1	85.95	13	
E 2407	512cc2407		0.22	7 x 0.203	0.60	1.12	1.02	1.22	3.7	80.38		
E 2419	512cc2419		0.24	19 x 0.127	0.60	1.13	1.03	1.23	3.9	77.42		
E 2201	512cc2201	22	0.32	1 x 0.643	0.64	1.15	1.05	1.25	4.4	54.13	17	
E 2207	512cc2207		0.36	7 x 0.254	0.76	1.27	1.17	1.37	5.2	51.18		
E 2219	512cc2219		0.38	19 x 0.160	0.76	1.30	1.20	1.40	5.5	48.55		
E 0,5	512cc0050	-	0.50	19 x 0.185	0.88	1.45	1.40	1.50	7.0	35.90	23	
E 2001	512cc2001	20	0.52	1 x 0.813	0.81	1.32	1.22	1.42	6.5	33.79	22	
E 2007	512cc2007		0.56	7 x 0.320	0.96	1.47	1.37	1.57	7.5	32.18		
E 2019	512cc2019		0.60	19 x 0.203	0.96	1.47	1.37	1.57	8.1	29.85		
E 0,75	512cc0075	-	0.75	19 x 0.226	1.13	1.65	1.60	1.70	10	24.30	29	
E 1801	512cc1801	18	0.82	1 x 1.024	1.02	1.54	1.44	1.64	9.6	21.39	30	
E 1807	512cc1807		0.88	7 x 0.404	1.21	1.75	1.65	1.85	12	20.21		
E 1819	512cc1819		0.96	19 x 0.254	1.20	1.75	1.65	1.85	12	18.99		
E 1601	512cc1601	16	1.30	1 x 1.287	1.29	1.87	1.77	1.97	15	13.45	39	
E 1619	512cc1619		1.23	19 x 0.287	1.36	2.03	1.93	2.13	16	14.89		
E 1,5	512cc0150	-	1.50	19 x 0.320	1.50	2.15	2.10	2.20	18	13.70	45	
E 1419	512cc1419	14	1.87	19 x 0.361	1.70	2.42	2.32	2.52	23	9.416	53	
E 2,5	512cc0250	-	2.50	61 x 0.225	1.95	2.58	2.53	2.63	28	8.210	61	
E 1219	512cc1219	12	3.02	19 x 0.455	2.14	2.90	2.80	3.00	34	5.938	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 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	Low smoke	Flame retardant	+200°C High temp
	Complies with NEMA HP-3			Current rating to IEC 60287	-65°C Low temp	

DISCLAIMER: Information is indicative and cannot be considered a binding representation or warranty for products and their use. Valid at the time of publication, it is subject to change without notice. Data indicates nominal values in millimetres (mm) unless otherwise stated.