

## PTFE / EE

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
EE 3201	513cc3201	32	0.03	1 x 0.203	0.20	0.96	0.86	1.07	1.8	544.6	4	1000/1900
EE 3207	513cc3207		0.04	7 x 0.079	0.24	1.02	0.92	1.12	2.0	557.7		
EE 3219	513cc3219		0.04	19 x 0.051	0.25	1.02	0.92	1.12	2.0	515.0		
EE 3001	513cc3001	30	0.05	1 x 0.254	0.25	1.02	0.92	1.12	2.1	347.7	6	
EE 3007	513cc3007		0.06	7 x 0.102	0.30	1.07	0.97	1.17	2.3	328.0		
EE 3019	513cc3019		0.06	19 x 0.064	0.32	1.07	0.97	1.17	2.3	323.4		
EE 2801	513cc2801	28	0.08	1 x 0.320	0.32	1.09	0.99	1.19	2.5	218.8	8	
EE 2807	513cc2807		0.09	7 x 0.127	0.38	1.14	1.04	1.24	2.9	208.6		
EE 2819	513cc2819		0.09	19 x 0.079	0.39	1.14	1.04	1.24	2.9	207.0		
EE 2601	513cc2601	26	0.13	1 x 0.404	0.40	1.17	1.07	1.27	3.2	137.4	10	
EE 2607	513cc2607		0.14	7 x 0.160	0.48	1.24	1.14	1.35	3.6	130.2		
EE 2619	513cc2619		0.16	19 x 0.102	0.48	1.24	1.14	1.37	3.8	122.3		
EE 2401	513cc2401	24	0.20	1 x 0.511	0.51	1.27	1.17	1.37	4.1	85.95	13	
EE 2407	513cc2407		0.22	7 x 0.203	0.60	1.37	1.27	1.47	4.8	80.38		
EE 2419	513cc2419		0.24	19 x 0.127	0.60	1.37	1.27	1.50	5.0	77.42		
EE 2201	513cc2201	22	0.32	1 x 0.643	0.64	1.41	1.30	1.52	5.6	54.13	17	
EE 2207	513cc2207		0.36	7 x 0.254	0.76	1.52	1.42	1.63	6.4	51.18		
EE 2219	513cc2219		0.38	19 x 0.160	0.76	1.52	1.42	1.68	6.7	48.55		
EE 0,5	513cc0050	-	0.50	19 x 0.185	0.88	1.68	1.58	1.78	7.0	40.10	23	
EE 2001	513cc2001	20	0.52	1 x 0.813	0.81	1.57	1.47	1.68	7.7	33.79	23	
EE 2007	513cc2007		0.56	7 x 0.320	0.96	1.73	1.63	1.83	8.9	32.18		
EE 2019	513cc2019		0.60	19 x 0.203	0.96	1.73	1.63	1.83	9.5	29.85		
EE 0,75	513cc0075	-	0.75	19 x 0.226	1.13	1.90	1.80	2.00	11	24.30	29	
EE 1801	513cc1801	18	0.82	1 x 1.024	1.02	1.80	1.68	1.93	11	21.39	30	
EE 1807	513cc1807		0.88	7 x 0.404	1.21	2.00	1.88	2.13	13	20.21		
EE 1819	513cc1819		0.96	19 x 0.254	1.20	2.00	1.88	2.13	14	18.99		
EE 1601	513cc1601	16	1.30	1 x 1.287	1.29	2.11	1.96	2.26	16	13.45	40	
EE 1619	513cc1619		1.23	19 x 0.287	1.36	2.26	2.11	2.41	17	14.89		
EE 1,5	513cc0150	-	1.50	19 x 0.320	1.50	2.35	2.20	2.50	20	13.70	44	
EE 1419	513cc1419	14	1.87	19 x 0.361	1.70	2.69	2.49	2.90	24	9.416	53	
EE 2,5	513cc0250	-	2.50	61 x 0.225	1.95	2.88	2.68	3.08	30	8.210	60	
EE 1219	513cc1219	12	3.02	19 x 0.455	2.14	3.17	2.97	3.38	36	5.938	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

	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.