

## PTFE/FEP / E-STK

PTFE insulated, FEP sheathed, shielded multicores, based on: MIL-C-27500  
Intended for use as internal wiring of equipment

Order reference		Cores					Finished cable			Electrical	
Description (NSN - if applicable)	Article Number	No. of cores	Silver Plated Copper (SPC)			PTFE	SPC braid	FEP	Weight	DC Current rating	Voltage
			Size	Stranding	Conductor	Insulation	Shield/s	Sheath/s		In free air at 40°C	
		Lay up	AWG	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U <sub>0</sub> /U
E 3207 STK 1	522013207	1	32	7 x 0.079	0.24	0.76	1.20	1.65	5.8	4	600/1000
E 3007 STK 1	522013007		30	7 x 0.102	0.30	0.81	1.25	1.70	6.8	6	
E 2807 STK 1	522012807		28	7 x 0.127	0.38	0.89	1.30	1.80	8.1	8	
E 2619 STK 1	522012619		26	19 x 0.102	0.48	1.00	1.45	1.90	9.1	11	
E 2419 STK 1	522012419		24	19 x 0.127	0.60	1.13	1.60	2.10	11	14	
E 2219 STK 1	522012219		22	19 x 0.160	0.76	1.30	1.75	2.30	13	19	
E 2019 STK 1	522012019		20	19 x 0.203	0.96	1.47	1.90	2.40	16	25	
E 1819 STK 1	522011819		18	19 x 0.254	1.20	1.75	2.35	2.80	24	34	
E 1619 STK 1	522011619		16	19 x 0.287	1.36	2.03	2.65	3.20	28	39	
E 1419 STK 1	522011419		14	19 x 0.361	1.70	2.42	2.85	3.50	37	52	
E 1219 STK 1	522011219		12	19 x 0.455	2.14	2.90	3.40	4.00	52	70	
E 3207 STK 2	522023207		2	32	7 x 0.079	0.24	0.76	2.00	2.50	11	
E 3007 STK 2	522023007	30		7 x 0.102	0.30	0.81	2.20	2.70	13	5	
E 2807 STK 2	522022807	28		7 x 0.127	0.38	0.89	2.30	2.80	14	7	
E 2619 STK 2	522022619	26		19 x 0.102	0.48	1.00	2.60	3.10	17	10	
E 2419 STK 2	522022419	24		19 x 0.127	0.60	1.13	2.90	3.40	20	13	
E 2219 STK 2	522022219	22		19 x 0.160	0.76	1.30	3.20	3.70	25	17	
E 2019 STK 2	522022019	20		19 x 0.203	0.96	1.47	3.50	4.00	32	23	
E 1819 STK 2	522021819	18		19 x 0.254	1.20	1.75	4.10	4.80	44	31	
E 1619 STK 2	522021619	16		19 x 0.287	1.36	2.03	4.70	5.40	53	36	
E 1419 STK 2	522021419	14		19 x 0.361	1.70	2.42	5.40	6.10	77	48	
E 1219 STK 2	522021219	12		19 x 0.455	2.14	2.90	6.40	7.10	103	64	
E 3207 STK 3	522033207	3		32	7 x 0.079	0.24	0.76	2.20	2.70	11	4
E 3007 STK 3	522033007		30	7 x 0.102	0.30	0.81	2.30	2.80	13	5	
E 2807 STK 3	522032807		28	7 x 0.127	0.38	0.89	2.40	2.90	19	6	
E 2619 STK 3	522032619		26	19 x 0.102	0.48	1.00	2.70	3.20	22	9	
E 2419 STK 3	522032419		24	19 x 0.127	0.60	1.13	3.00	3.40	27	12	
E 2219 STK 3	522032219		22	19 x 0.160	0.76	1.30	3.40	3.80	34	16	
E 2019 STK 3	522032019		20	19 x 0.203	0.96	1.47	3.80	4.30	46	21	
E 1819 STK 3	522031819		18	19 x 0.254	1.20	1.75	4.40	5.00	61	28	
E 1619 STK 3	522031619		16	19 x 0.287	1.36	2.03	5.00	5.40	74	33	
E 1419 STK 3	522031419		14	19 x 0.361	1.70	2.42	5.80	6.20	103	44	
E 1219 STK 3	522031219		12	19 x 0.455	2.14	2.90	6.80	7.30	143	59	

### Cable identification

Cores 1<sup>st</sup>: White, 2<sup>nd</sup>: Red, 3<sup>rd</sup>: Black, 4<sup>th</sup>: Blue, 5<sup>th</sup>: Yellow, 6<sup>th</sup>: Green, 7<sup>th</sup>: Orange



Sheath White



Marking None

### Characteristics and key properties



RoHS  
2011/65/EU

REACH  
EC No.  
1907/2006

LVD  
2014/35/EU

All-round  
chemical  
resistance

Low  
smoke

Flame  
retardant

+200°C  
High temp

Test voltage  
1.5 kV AC

Current  
rating in  
free air to  
IEC 60287

-65°C  
Low temp

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Order reference		Cores					Finished cable			Electrical	
Description (NSN - if applicable)	Article Number	No. of cores	Silver Plated Copper (SPC)			PTFE	SPC braid	FEP	Weight	DC Current rating	Voltage
			Size	Stranding	Conductor	Insulation	Shield/s	Sheath/s		In free air at 40°C	
		Lay up	AWG	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U <sub>0</sub> /U
E 3207 STK 4	522043207	4	32	7 x 0.079	0.24	0.76	2.40	2.90	16	3	600/1000
E 3007 STK 4	522043007		30	7 x 0.102	0.30	0.81	2.60	3.10	18	5	
E 2807 STK 4	522042807		28	7 x 0.127	0.38	0.89	2.60	3.10	22	6	
E 2619 STK 4	522042619		26	19 x 0.102	0.48	1.00	3.00	3.50	27	8	
E 2419 STK 4	522042419		24	19 x 0.127	0.60	1.13	3.30	3.80	32	11	
E 2219 STK 4	522042219		22	19 x 0.160	0.76	1.30	3.70	4.20	41	15	
E 2019 STK 4	522042019		20	19 x 0.203	0.96	1.47	4.10	4.80	56	20	
E 1819 STK 4	522041819		18	19 x 0.254	1.20	1.75	4.80	5.50	76	26	
E 1619 STK 4	522041619		16	19 x 0.287	1.36	2.03	5.50	6.20	93	31	
E 1419 STK 4	522041419		14	19 x 0.361	1.70	2.42	6.40	7.10	128	41	
E 1219 STK 4	522041219		12	19 x 0.455	2.14	2.90	7.60	8.30	181	55	
E 3207 STK 5	522053207		5	32	7 x 0.079	0.24	0.76	2.60	3.10	19	
E 3007 STK 5	522053007	30		7 x 0.102	0.30	0.81	2.80	3.30	22	4	
E 2807 STK 5	522052807	28		7 x 0.127	0.38	0.89	2.90	3.40	28	6	
E 2619 STK 5	522052619	26		19 x 0.102	0.48	1.00	3.30	3.80	31	8	
E 2419 STK 5	522052419	24		19 x 0.127	0.60	1.13	3.70	4.20	38	10	
E 2219 STK 5	522052219	22		19 x 0.160	0.76	1.30	4.10	4.80	52	14	
E 2019 STK 5	522052019	20		19 x 0.203	0.96	1.47	4.60	5.30	69	19	
E 1819 STK 5	522051819	18		19 x 0.254	1.20	1.75	5.30	6.00	92	25	
E 1619 STK 5	522051619	16		19 x 0.287	1.36	2.03	6.10	6.80	118	29	
E 1419 STK 5	522051419	14		19 x 0.361	1.70	2.42	7.10	7.80	159	39	
E 1219 STK 5	522051219	12		19 x 0.455	2.14	2.90	8.40	9.10	244	52	
E 3207 STK 7	522073207	7		32	7 x 0.079	0.24	0.76	2.90	3.40	24	3
E 3007 STK 7	522073007		30	7 x 0.102	0.30	0.81	3.00	3.50	27	4	
E 2807 STK 7	522072807		28	7 x 0.127	0.38	0.89	3.10	3.60	31	5	
E 2619 STK 7	522072619		26	19 x 0.102	0.48	1.00	3.60	4.10	38	7	
E 2419 STK 7	522072419		24	19 x 0.127	0.60	1.13	4.00	4.70	50	10	
E 2219 STK 7	522072219		22	19 x 0.160	0.76	1.30	4.50	5.20	59	13	
E 2019 STK 7	522072019		20	19 x 0.203	0.96	1.47	5.00	5.70	85	17	
E 1819 STK 7	522071819		18	19 x 0.254	1.20	1.75	5.90	6.60	117	23	
E 1619 STK 7	522071619		16	19 x 0.287	1.36	2.03	6.70	7.40	150	27	
E 1419 STK 7	522071419		14	19 x 0.361	1.70	2.42	7.90	8.70	216	35	
E 1219 STK 7	522071219		12	19 x 0.455	2.14	2.90	9.50	10.4	320	47	

### Cable identification

Cores 1<sup>st</sup>: White, 2<sup>nd</sup>: Red, 3<sup>rd</sup>: Black, 4<sup>th</sup>: Blue, 5<sup>th</sup>: Yellow, 6<sup>th</sup>: Green, 7<sup>th</sup>: Orange



Sheath White



Marking None

### Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	All-round chemical resistance	Low smoke	Flame retardant	+200°C High temp
					Test voltage 1.5 kV AC	Current rating in free air 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.