

E-STK PTFE / FEP

600V
-65°C/+200°C

Shielded signal cable

Voltage	0.6/1kV AC U0/U
Test voltage	3.4kV AC
Flame retardant	
Low smoke generation	

Construction

Conductor	Silver Plated Copper (SPC)	Insulation	PTFE
Shield	Braid of Silver Plated Copper (S)	Sheath	FEP
Core colour	1 Wh 2 Rd 3 Bk 4 Bl	Sheath	White
Marking	-		

Application

The PTFE cores have excellent mechanical properties, including solder resistance and offers unparalleled electrical performance. They are designed to meet NEMA HP-3.

The FEP sheath has good electrical properties and excellent fire performance. The most flexible of the fluoropolymer insulations and is ideal for use in long lengths. Typical applications for PTFE / FEP cables include gas turbines, vacuum applications and high temperature data cables.

Description	Construction								Electrical amps at 40°C max	NSN	Article Number
	no. / size AWG	conductor Ø	insulation Ø	cabled Ø	shield/s Ø	sheath/s max Ø	weight g/m				
E 3207 STK 1	1x 32	0.24	0.76	-	1.20	2.00	5.80	-	-	522013207	
E 3007 STK 1	1x 30	0.30	0.81	-	1.25	2.00	6.80	4.3	-	522013007	
E 2807 STK 1	1x 28	0.38	0.84	-	1.30	2.10	8.10	5.8	-	522012807	
E 2607 STK 1	1x 26	0.48	0.99	-	1.45	2.20	9.00	7.9	-	522012607	
E 2619 STK 1	1x 26	0.48	1.00	-	1.45	2.20	9.10	7.9	-	522012619	
E 2419 STK 1	1x 24	0.60	1.13	-	1.60	2.30	11.00	10.7	-	522012419	
E 2219 STK 1	1x 22	0.76	1.30	-	1.75	2.60	13.00	14.4	-	522012219	
E 2019 STK 1	1x 20	0.97	1.47	-	1.90	2.70	16.00	19.9	-	522012019	
E 1819 STK 1	1x 18	1.21	1.75	-	2.35	3.00	24.00	27.1	-	522011819	
E 1619 STK 1	1x 16	1.36	2.03	-	2.65	3.50	28.00	32.1	-	522011619	
E 1419 STK 1	1x 14	1.70	2.42	-	2.85	3.90	37.60	43.9	-	522011419	
E 1219 STK 1	1x 12	2.14	2.90	-	3.40	4.50	52.10	59.5	-	522011219	
E 3207 STK 2	2x 32	0.24	0.76	1.50	2.00	2.80	11.00	-	-	522023207	
E 3007 STK 2	2x 30	0.30	0.81	1.60	2.20	3.00	13.00	4.1	-	522023007	
E 2807 STK 2	2x 28	0.38	0.84	1.70	2.30	3.10	14.00	5.5	-	522022807	
E 2607 STK 2	2x 26	0.48	0.99	2.00	2.60	3.40	17.00	7.5	-	522022607	
E 2619 STK 2	2x 26	0.48	1.00	2.00	2.60	3.40	17.00	7.5	-	522022619	
E 2419 STK 2	2x 24	0.60	1.13	2.25	2.90	3.70	20.00	10.1	-	522022419	
E 2219 STK 2	2x 22	0.76	1.30	2.60	3.20	4.00	25.00	13.7	-	522022219	
E 2019 STK 2	2x 20	0.97	1.47	3.00	3.50	4.30	32.00	18.9	-	522022019	
E 1819 STK 2	2x 18	1.21	1.75	3.50	4.10	5.10	44.00	25.7	-	522021819	
E 1619 STK 2	2x 16	1.36	2.03	4.05	4.70	5.80	53.00	30.5	-	522021619	
E 1419 STK 2	2x 14	1.70	2.42	4.80	5.40	6.50	73.80	41.7	-	522021419	
E 1219 STK 2	2x 12	2.14	2.90	5.80	6.40	7.50	124.70	56.5	-	522021219	
E 3207 STK 3	3x 32	0.24	0.76	1.65	2.20	3.10	11.00	-	-	522033207	
E 3007 STK 3	3x 30	0.30	0.81	1.75	2.30	3.20	13.00	3.8	-	522033007	
E 2807 STK 3	3x 28	0.38	0.84	1.80	2.40	3.20	19.00	5.1	-	522032807	
E 2607 STK 3	3x 26	0.48	0.99	2.15	2.70	3.60	21.90	7.0	-	522032607	
E 2619 STK 3	3x 26	0.48	1.00	2.15	2.70	3.70	22.00	7.0	-	522032619	
E 2419 STK 3	3x 24	0.60	1.13	2.45	3.00	3.90	27.00	9.3	-	522032419	
E 2219 STK 3	3x 22	0.76	1.30	2.80	3.40	4.10	34.00	12.7	-	522032219	
E 2019 STK 3	3x 20	0.97	1.47	3.15	3.80	4.60	46.00	17.5	-	522032019	
E 1819 STK 3	3x 18	1.21	1.75	3.75	4.40	5.40	61.00	23.8	-	522031819	
E 1619 STK 3	3x 16	1.36	2.03	4.35	5.00	5.80	74.00	28.3	-	522031619	
E 1419 STK 3	3x 14	1.70	2.42	5.20	5.80	6.60	100.80	38.6	-	522031419	
E 1219 STK 3	3x 12	2.14	2.90	6.25	6.80	7.70	142.30	52.4	-	522031219	
E 3207 STK 4	4x 32	0.24	0.76	1.85	2.40	3.20	16.00	-	-	522043207	
E 3007 STK 4	4x 30	0.30	0.81	1.95	2.60	3.40	18.00	3.4	-	522043007	
E 2807 STK 4	4x 28	0.38	0.84	2.00	2.60	3.40	22.00	4.6	-	522042807	
E 2607 STK 4	4x 26	0.48	0.99	2.40	3.00	3.80	25.50	6.3	-	522042607	
E 2619 STK 4	4x 26	0.48	1.00	2.40	3.00	3.80	27.00	6.3	-	522042619	
E 2419 STK 4	4x 24	0.60	1.13	2.70	3.30	4.10	32.00	8.5	-	522042419	
E 2219 STK 4	4x 22	0.76	1.30	3.15	3.70	4.50	41.00	11.5	-	522042219	
E 2019 STK 4	4x 20	0.97	1.47	3.55	4.10	5.20	56.00	15.9	-	522042019	
E 1819 STK 4	4x 18	1.21	1.75	4.20	4.80	5.90	76.00	21.7	-	522041819	
E 1619 STK 4	4x 16	1.36	2.03	4.90	5.50	6.60	93.00	25.7	-	522041619	
E 1419 STK 4	4x 14	1.70	2.42	5.85	6.40	7.50	129.90	35.1	-	522041419	
E 1219 STK 4	4x 12	2.14	2.90	7.00	7.60	8.70	181.30	47.6	-	522041219	