

FLUOROPLASTIC SIGNAL CABLE, PTFE / FEP MULTI-STRANDS, SHIELDED



CONDUCT – PROTECT – INSULATE



Fluoropolymer signal cable PTFE/FEP, shielded, 3-strands, -65 to 200 °C

Conductor:

silver-plated copper (SPC)

Strand insulation:

polytetrafluoroethylene (PTFE)

Strand colors:

white, red, black

Shielding:

braided silver-plated copper (SPC)

Sheath:

fluoroethylene propylene (FEP)

Sheath color:

white

Specification:

based on MIL-C-27500

Temperature range:

- 65 to 200 °C

Dimensions:

AWG	Stranded wires	Conductor	Article number	Core	Shielding	Cable		
	Number x Ø	Ø nominal		Ø nominal	Ø nominal	Ø maximal	Weight nominal	I _{max} at 40 °C
	[mm]	[mm]		[mm]	[mm]	[mm]	[g/m]	[A]
ET STK 3, thin-walled, Operating voltage: 250/500V AC U0/U								
32	7 x 0,079	0,28	FKET3207STK3	0,56	1,70	2,20	9,6	3
30	7 x 0,102	0,33	FKET3007STK3	0,61	1,80	2,30	11	5
28	7 x 0,127	0,41	FKET2807STK3	0,69	2,00	2,50	13	6
26	7 x 0,160	0,51	FKET2607STK3	0,79	2,40	2,90	19	9
	19 x 0,102	0,56	FKET2619STK3	0,79	2,40	2,90	19	9
24	19 x 0,127	0,69	FKET2419STK3	0,91	2,60	3,10	23	12
22	19 x 0,160	0,84	FKET2219STK3	1,07	3,00	3,50	30	16
20	19 X 0,203	1,04	FKET2019STK3	1,27	3,40	3,90	40	21
E STK 3, normal-walled, Operating voltage: 600/1000V AC U0/U								
32	7 x 0,079	0,28	FKE3207STK3	0,76	2,20	2,70	11	4
30	7 x 0,102	0,33	FKE3007STK3	0,81	2,30	2,80	13	5
28	7 x 0,127	0,41	FKE2807STK3	0,89	2,40	2,90	19	6
26	19 x 0,102	0,51	FKE2619STK3	1,00	2,70	3,20	22	9
24	19 x 0,127	0,61	FKE2419STK3	1,13	3,00	3,40	27	12
22	19 x 0,160	0,79	FKE2219STK3	1,30	3,40	3,80	34	16
20	19 x 0,203	0,99	FKE2019STK3	1,47	3,80	4,30	46	21
18	19 x 0,254	1,25	FKE1819STK3	1,75	4,40	5,00	61	28
16	19 x 0,287	1,40	FKE1619STK3	2,03	5,00	5,40	74	33
14	19 x 0,361	1,75	FKE1419STK3	2,42	5,80	6,20	103	44
12	19 x 0,455	2,36	FKE1219STK3	2,90	6,80	7,30	143	59
EE STK 3, heavy-walled, Operating voltage: 1000/1900V AC U0/U								
32	7 x 0,079	0,28	FKEE3207STK3	1,02	2,65	3,15	18	
30	7 x 0,102	0,33	FKEE3007STK3	1,07	2,80	3,30	20	5
28	7 x 0,127	0,41	FKEE2807STK3	1,14	2,90	3,40	23	6
26	19 x 0,102	0,51	FKEE2619STK3	1,24	3,10	3,60	26	9
24	19 x 0,127	0,61	FKEE2419STK3	1,37	3,40	3,90	31	12
22	19 x 0,160	0,79	FKEE2219STK3	1,52	3,70	4,20	37	16
20	19 x 0,203	0,99	FKEE2019STK3	1,73	4,20	4,90	50	21
18	19 x 0,254	1,25	FKEE1819STK3	2,00	4,80	5,50	68	28
16	19 x 0,287	1,40	FKEE1619STK3	2,24	5,30	6,00	74	33
14	19 x 0,361	1,75	FKEE1419STK3	2,69	6,40	7,10	113	44
12	19 x 0,455	2,36	FKEE1219STK3	3,17	7,40	8,10	155	59