

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



Fluoropolymer signal cable PTFE/FEP, shielded, 1-strand, -65 to 200 °C

Conductor:

silver-plated copper (SPC)

Strand insulation:

polytetrafluoroethylene (PTFE)

Strand color:

white

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 1, thin-walled, Operating voltage: 250/500V AC U0/U								
32	7 x 0,079	0,28	FKET3207STK1	0,56	1,00	1,50	5,1	4
30	7 x 0,102	0,33	FKET3007STK1	0,61	1,05	1,50	5,5	6
28	7 x 0,127	0,41	FKET2807STK1	0,69	1,15	1,60	6,1	8

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 1, thin-walled, Operating voltage: 250/500V AC U0/U								
26	7 x 0,160	0,51	FKET2607STK1	0,79	1,25	1,70	7,4	10
	19 x 0,102	0,56	FKET2619STK1	0,79	1,25	1,70	7,4	10
24	19 x 0,127	0,69	FKET2419STK1	0,91	1,35	1,80	9,3	14
22	19 x 0,160	0,84	FKET2219STK1	1,07	1,50	2,00	11	18
20	19 X 0,203	1,04	FKET2019STK1	1,27	1,70	2,20	15	25
E STK 1, normal-walled, Operating voltage: 600/1000V AC U0/U								
32	7 x 0,079	0,28	FKE3207STK1	0,76	1,20	1,65	5,8	4
30	7 x 0,102	0,33	FKE3007STK1	0,81	1,25	1,70	6,8	6
28	7 x 0,127	0,41	FKE2807STK1	0,89	1,30	1,80	8,1	8
26	19 x 0,102	0,51	FKE2619STK1	1,00	1,45	1,90	9,1	11
24	19 x 0,127	0,61	FKE2419STK1	1,13	1,60	2,10	11	14
22	19 x 0,160	0,79	FKE2219STK1	1,30	1,75	2,30	13	19
20	19 x 0,203	0,99	FKE2019STK1	1,47	1,90	2,40	16	25
18	19 x 0,254	1,25	FKE1819STK1	1,75	2,35	2,80	24	34
16	19 x 0,287	1,40	FKE1619STK1	2,03	2,65	3,20	28	39
14	19 x 0,361	1,75	FKE1419STK1	2,42	2,85	3,50	37	52
12	19 x 0,455	2,36	FKE1219STK1	2,90	3,40	4,00	52	70
EE STK 1, heavy walled, Operating voltage: 1000/1900V AC U0/U								
32	7 x 0,079	0,28	FKEE3207STK1	1,02	1,50	2,00	9,0	4
30	7 x 0,102	0,33	FKEE3007STK1	1,07	1,50	2,00	9,0	6
28	7 x 0,127	0,41	FKEE2807STK1	1,14	1,60	2,10	10	8
26	19 x 0,102	0,51	FKEE2619STK1	1,24	1,70	2,20	11	11
24	19 x 0,127	0,61	FKEE2419STK1	1,37	1,80	2,30	14	14
22	19 x 0,160	0,79	FKEE2219STK1	1,52	2,00	2,50	15	19
20	19 x 0,203	0,99	FKEE2019STK1	1,73	2,20	2,70	20	25
18	19 x 0,254	1,25	FKEE1819STK1	2,00	2,50	3,00	25	34
16	19 x 0,287	1,40	FKEE1619STK1	2,24	2,70	3,20	27	39
14	19 x 0,361	1,75	FKEE1419STK1	2,69	3,15	3,65	35	52
12	19 x 0,455	2,36	FKEE1219STK1	3,17	3,60	4,10	57	70