

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



CONDUCT – PROTECT – INSULATE



Fluoropolymer signal cable PTFE/FEP, shielded, 2-strands, -65 to 200 °C

Conductor:

silver-plated copper (SPC)

Strand insulation:

polytetrafluoroethylene (PTFE)

Strand colors:

white, red

Shielding:

braided silver-plated copper (SPC), 85% coverage

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 2, thin-walled, Operating voltage: 250/500V AC U0/U								
32	7 x 0,079	0,28	FKET3207STK2	0,56	1,60	2,10	7,9	4
30	7 x 0,102	0,33	FKET3007STK2	0,61	1,70	2,20	8,6	5
28	7 x 0,127	0,41	FKET2807STK2	0,69	1,90	2,40	10	7
26	7 x 0,160	0,51	FKET2607STK2	0,79	2,20	2,70	14	10
	19 x 0,102	0,56	FKET2619STK2	0,79	2,20	2,70	14	10
24	19 x 0,127	0,69	FKET2419STK2	0,91	2,50	3,00	17	13
22	19 x 0,160	0,84	FKET2219STK2	1,07	2,80	3,30	22	17
20	19 X 0,203	1,04	FKET2019STK2	1,27	3,00	3,70	29	23
E STK 2, normal-walled, Operating voltage: 600/1000V AC U0/U								
32	7 x 0,079	0,28	FKE3207STK2	0,76	2,00	2,50	32	4
30	7 x 0,102	0,33	FKE3007STK2	0,81	2,20	2,70	30	5
28	7 x 0,127	0,41	FKE2807STK2	0,89	2,30	2,80	28	7
26	19 x 0,102	0,51	FKE2619STK2	1,00	2,60	3,10	26	10
24	19 x 0,127	0,61	FKE2419STK2	1,13	2,90	3,40	24	13
22	19 x 0,160	0,79	FKE2219STK2	1,30	3,20	3,70	22	17
20	19 x 0,203	0,99	FKE2019STK2	1,47	3,50	4,00	20	23
18	19 x 0,254	1,25	FKE1819STK2	1,75	4,10	4,80	18	31
16	19 x 0,287	1,40	FKE1619STK2	2,03	4,70	5,40	16	36
14	19 x 0,361	1,75	FKE1419STK2	2,42	5,40	6,10	14	48
12	19 x 0,455	2,36	FKE1219STK2	2,90	6,40	7,10	12	64
EE STK 2, heavy-walled, Operating voltage: 1000/1900V AC U0/U								
32	7 x 0,079	0,28	FKEE3207STK2	1,02	2,50	3,00	15	4
30	7 x 0,102	0,33	FKEE3007STK2	1,07	2,60	3,10	15	5
28	7 x 0,127	0,41	FKEE2807STK2	1,14	2,70	3,20	17	7
26	19 x 0,102	0,51	FKEE2619STK2	1,24	2,90	3,40	21	10
24	19 x 0,127	0,61	FKEE2419STK2	1,37	3,20	3,70	23	13
22	19 x 0,160	0,79	FKEE2219STK2	1,52	3,50	4,00	27	17
20	19 x 0,203	0,99	FKEE2019STK2	1,73	3,90	4,60	38	23
18	19 x 0,254	1,25	FKEE1819STK2	2,00	4,50	5,20	51	31
16	19 x 0,287	1,40	FKEE1619STK2	2,24	5,00	5,70	54	36
14	19 x 0,361	1,75	FKEE1419STK2	2,69	5,90	6,60	78	48
12	19 x 0,455	2,36	FKEE1219STK2	3,17	6,90	7,60	110	64