



Fluoroplastic stranded wires PFA

Insulation:

Perfluoroalkoxy (PFA) flame-retardant, low smoke emission

Conductor:

silver-plated copper (SPC)

Colors:

black, brown, red, orange, yellow, green, blue, violet, grey, white, pink, transparent

Temperature range:

- 65 to 200 °C

Dimensions:

Type: Operating voltage:					AT, thin-walled 300/500V AC U0/U					A, normal-walled 600/1000V AC U0/U					AA, thick-walled 1000/1900V AC U0/U				
A W G	Manager				Master number	with insulation				Master num ber	with insulation				Master numbe r	with insulation			
	Quan tity x Ø	Øm ax	Quer s.	R		Ømi n	Øm ax	Weig ht	Ima x		Ømi n	Øm ax	Weig ht	Ima x		Ømi n	Øm ax	Weig ht	Im ax
	[mm]	[mm]	[mm 2]	[Ω/k m]		[mm]	[mm]	[g/m]	[A]		[mm]	[mm]	[g/m]	[A]		[mm]	[mm]	[g/m]	[A]
32	7 x 0,079	0,24	0,03	557, 7	FLAT320 7S	0,51	0,61	0,8		FLA32 07S	0,69	0,83	1,2		FLAA3 207S	0,92	1,12	2,0	
30	7 x 0,102	0,30	0,06	328, 1	FLAT300 7S	0,55	0,65	1,0		FLA30 07S	0,73	0,87	1,5		FLAA3 007S	0,96	1,16	2,3	
28	7 x 0,127	0,38	0,09	208, 7	FLAT280 7S	0,65	0,75	1,5	7	FLA28 07S	0,83	0,97	2,0	8	FLAA2 807S	1,04	1,24	2,5	8
26	19 x 0,102	0,48	0,16	122, 4	FLAT261 9S	0,75	0,85	2,2	10	FLA26 19S	0,93	1,07	2,8	11	FLAA2 619S	1,14	1,34	3,2	11
24	19 x 0,127	0,60	0,24	77,4	FLAT241 9S	0,85	0,95	3,2	14	FLA24 19S	1,02	1,22	3,9	14	FLAA2 419S	1,26	1,46	4,4	14
22	19 x 0,160	0,76	0,38	48,6	FLAT221 9S	1,03	1,13	4,7	18	FLA22 19S	1,18	1,38	5,5	19	FLAA2 219S	1,42	1,62	6,7	19
20	19 x 0,203	0,96	0,62	29,9	FLAT201 9S	1,21	1,35	7,1	25	FLA20 19S	1,38	1,58	8,1	25	FLAA2 019S	1,62	1,82	9,5	25

Type Operating voltage:					AT, thin-walled 300/500V AC U0/U					A, normal-walled 600/1000V AC U0/U					AA, thick-walled 1000/1900V AC U0/U				
AW G	Manager				Mas ter num ber	with insulation				Master numb er	with insulation				Master number	with insulation			
	Quan tity x Ø	Øm ax	Quer s.	R		Ømi n	Øm ax				Ømi n	Øm ax				Ømi n	Øm ax		
	[mm]	[mm]	[mm 2]	[Ω/k m]		[mm]	[mm]				[mm]	[mm]				[mm]	[mm]		
18	19 x 0,254	1,20	0,96	19,0	---	---	---	---	---	FLA18 19S	1,64	1,84	12	33	FLAA1 819S	1,87	2,13	12	33
16	19 x 0,287	1,36	1,23	14,9	---	---	---	---	---	FLA16 19S	1,89	2,15	16	39	FLAA1 619S	2,13	2,39	15	39
14	19 x 0,361	1,71	1,94	9,42	---	---	---	---	---	FLA14 19S	2,30	2,56	23	53	FLAA1 419S	2,53	2,85	24	53
12	19 x 0,455	2,14	2,98	5,94	---	---	---	---	---	FLA12 19S	2,77	3,03	33	70	FLAA1 219S	3,01	3,33	36	70
10	37 x 0,404	2,82	4,74	3,90	---	---	---	---	---	FLA10 37S	3,29	3,55	52	94	FLAA1 037S	3,62	3,94	51	94
8	133 x 0,287	4,10	8,60	2,17	---	---	---	---	---	---	---	---	---	---	FLAA8 133S	5,22	5,54	94	140
6	133 x 0,361	5,15	13,6 1	1,37	---	---	---	---	---	---	---	---	---	---	FLAA6 133S	7,39	7,71	176	189

Values for t_{max} at 40 °C

Article number: Master number - Color

Colors: red (RT), blue (BL), black (SW), white (WS), green (GN), brown (BR), violet (VI), orange (OR), yellow (GE), grey (GR), pink (RS), transparent (TR)

Example: FLAT3207SVI

FLAT3207S = master number

VI = violet