



Fluoropolymer stranded wires ETFE

Insulation:

Ethylene tetrafluoroethylene copolymer (ETFE), extruded

Conductor:

silver-plated copper (SPC)

Colors:

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

Temperature range:

- 65 to 150 °C

Dimensions:

Type:					ZT, thin-walled					Z, normal-walled					ZZ, thick-walled				
Operating voltage:					250/500V AC U0/U					600/1000V AC U0/U					1000/1900V AC U0/U				
AWG	Strands	Manager			Master number	with insulation		Weight	Imax	Master number	with insulation		Weight	Imax	Master number	with insulation		Weight	Imax
		Quantity x Ø	Ø	Cross cut		Ømin	Ømax				Ømin	Ømax				Ømin	Ømax		
		[mm]	[mm]	[mm²]		[mm]	[mm]				[mm]	[mm]				[mm]	[mm]		
32	7 x 0,079	0,24	0,04	597,1	----	---	---	---	---	FLZ3207S	0,64	0,74	1,2	3	FLZZ3207S	0,89	0,99	1,2	3
30	7 x 0,102	0,30	0,06	354,3	FLZT3007S	0,58	0,65	1,0	5	FLZ3007S	0,70	0,80	1,5	5	FLZZ3007S	0,96	1,06	1,57	5
28	7 x 0,127	0,38	0,09	223,8	FLZT2807S	0,64	0,73	1,5	6	FLZ2807S	0,78	0,88	2,0	6	FLZZ2807S	1,04	1,14	2,0	6
26	7 x 0,160	0,48	0,14	139,8	FLZT2607S	0,76	0,86	2,1	8	FLZ2607S	0,93	0,98	2,7	9	FLZZ2607S	1,14	1,24	2,7	9
	19 x 0,102	0,48	0,16	131,6	FLZT2619S	0,76	0,86	2,2	8	FLZ2619S	0,93	0,98	2,89	9	FLZZ2619S	1,14	1,24	2,8	9
24	7 x 0,203	0,60	0,22	86,0	FLZT2407S	0,86	0,96	3,0	11	FLZ2407S	1,06	1,11	3,7	12	FLZZ2407S	1,26	1,36	3,7	12
	19 x 0,127	0,60	0,24	83,3	FLZT2419S	0,86	0,96	3,2	11	FLZ2419S	1,06	1,11	3,9	12	FLZZ2419S	1,26	1,36	3,9	12
22	7 x 0,254	0,76	0,36	54,8	FLZT2207S	1,04	1,14	4,4	15	FLZ2207S	1,22	1,27	5,2	15	FLZZ2207S	1,42	1,52	5,2	15
Type:					ZT, thin-walled					Z, normal-walled					ZZ, thick-walled				
Operating voltage:					250/500V AC U0/U					600/1000V AC U0/U					1000/1900V AC U0/U				

AW G	Strands	Manager			Master number	with insulation				Master number	with insulation				Master number	with insulation			
	Quantity x Ø	Ø	Cross cut	R		Ømin	Ømax	Weight	Imax		Ømin	Ømax	Weight	Imax		Ømin	Ømax	Weight	Imax
		[m]	[mm]	[Ω/km]		[m]	[mm]	[g/m]	[A]		[m]	[mm]	[g/m]	[A]		[m]	[mm]	[g/m]	[A]
	19 x 0,160	0,76	0,38	52,2	FLZT2219S	1,04	1,14	4,7	15	FLZ2219S	1,22	1,27	5,5	15	FLZZ2219S	1,42	1,52	5,5	15
20	7 x 0,320	0,96	0,56	34,1	FLZT2007S	1,25	1,35	6,6	20	FLZ2007S	1,41	1,46	7,5	20	FLZZ2007S	1,62	1,72	7,57	20
	19 x 0,203	0,97	0,60	32,0	FLZT2019S	1,25	1,35	7,1	20	FLZ2019S	1,41	1,46	8,1	20	FLZZ2019S	1,62	1,72	8,1	20
18	19 x 0,254	1,21	0,96	20,4	---	---	---	---	---	FLZ1819S	1,97	2,11	16	29	FLZZ1819S	1,93	2,08	12	29
16	19 x 0,287	1,36	1,23	15,8	---	---	---	---	---	FLZ1619S	2,34	2,47	20	33	FLZZ1619S	2,09	2,29	16	33
14	19 x 0,361	1,70	1,87	10,0	---	---	---	---	---	FLZ1419S	2,82	2,95	33	45	FLZZ1419S	2,46	2,71	20	45
12	19 x 0,455	2,14	3,02	6,30	---	---	---	---	---	FLZ1219S	2,68	2,95	33	60	FLZZ1219S	2,93	3,25	33	60
10	37 x 0,404	2,82	4,65	4,13	---	---	---	---	---	---	---	---	---	---	FLZZ1037S	3,46	3,78	55	79
8	133 x 0,287	4,10	8,60	2,30	---	---	---	---	---	---	---	---	---	---	FLZZ8133S	4,96	5,41	95	114
6	133 x 0,361	5,13	14,0	1,46	---	---	---	---	---	---	---	---	---	---	FLZZ6133S	6,00	6,50	140	61
4	133 x 0,455	6,75	22,0	0,920	---	---	---	---	---	---	---	---	---	---	FLZZ4133S	7,50	8,20	225	207
2	665 x 0,260	8,51	34,0	0,580	---	---	---	---	---	---	---	---	---	---	FLZZ2665S	9,00	10,0	335	300

Values for I_{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: FLET3807SSW

FLE3807S = master number

SW = Color

Stranded wire ETFE, tinned copper, -65 to 150 °C

Insulation:

Ethylene tetrafluoroethylene copolymer (ETFE), extruded

Conductor:

tinned copper (TPC)

Colors:

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

Temperature range:

- 65 to 150 °C

Test voltage:

3400 V AC

Approvals:

CE, UKCA, MIL-W-22759/16&17

Dimensions:

Type:										ZN, normal-walled									
Operating voltage:										600/1000V AC U0/U									
AWG	Strands	Manager			Master number	with insulation				Master number	with insulation				Master number	with insulation			
	Quantity x Ø	Ø	Cross cut	R		Ømin	Ømax	Weight	Imax		Ømin	Ømax	Weight	Imax		Ømin	Ømax	Weight	Imax
		[mm]	[mm ²]	[Ω/km]		[mm]	[mm]	[g/m]	[A]		[mm]	[mm]	[g/m]	[A]		[mm]	[mm]	[g/m]	[A]
30	7 x 0,102	0,30	0,06	354,3	---	---	---	---	---	FLZN300 7T	0,70	0,80	1,2	5	---	---	---	---	---
28	7 x 0,127	0,38	0,09	223,8	---	---	---	---	---	FLZN280 7T	0,78	0,88	1,6	7	---	---	---	---	---
26	19 x 0,102	0,48	0,16	131,6	---	---	---	---	---	FLZN261 9T	0,91	1,01	2,3	9	---	---	---	---	---
24	19 x 0,127	0,60	0,24	83,3	---	---	---	---	---	FLZN241 9T	1,09	1,19	3,4	12	---	---	---	---	---
22	19 x 0,160	0,76	0,38	52,2	---	---	---	---	---	FLZN221 9T	1,27	1,37	4,9	16	---	---	---	---	---
20	19 x 0,203	0,97	0,60	32,0	---	---	---	---	---	FLZN201 9T	1,47	1,57	7,3	22	---	---	---	---	---
18	19 x 0,254	1,21	0,96	20,4	---	---	---	---	---	FLZN181 9T	1,75	1,85	11	29	---	---	---	---	---
16	19 x 0,287	1,36	1,23	15,8	---	---	---	---	---	FLZN161 9T	1,96	2,06	14	33	---	---	---	---	---
14	19 x 0,361	1,70	1,87	10,0	---	---	---	---	---	FLZN141 9T	2,31	2,41	21	44	---	---	---	---	---
12	37 x 0,320	2,20	2,98	6,59	---	---	---	---	---	FLZN123 7T	2,86	2,97	33	59	---	---	---	---	---

Type:										ZN, normal-walled									
Operating voltage:										600/1000V AC U0/U									
AW G	Strands	Manager			Master number	with insulation				Master number	with insulation				Master number	with insulation			
		Quantity x Ø	Ø	Cross cut		R	Ømin				Ømax	Weight				Imax	Ømin		
			[mm]	[mm ²]		[Ω/km]													
10	37 x 0,404	2,82	4,65	4,13	---	---	---	---	---	FLZN1037T	3,45	3,61	51	79	---	---	---	---	---
8	133 x 0,287	4,20	8,60	2,30	---	---	---	---	---	FLZN8133T	4,98	5,13	90	118	---	---	---	---	---
6	133 x 0,361	5,27	14,0	1,46	---	---	---	---	---	FLZN6133T	6,27	6,43	140	159	---	---	---	---	---
4	133 x 0,455	6,65	22,0	0,92	---	---	---	---	---	FLZN4133T	7,82	8,03	230	216	---	---	---	---	---

Values for I_{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),

Stranded wires ETFE, tinned copper, thin-walled, -65 to 150 °C

Insulation:

Ethylene tetrafluoroethylene copolymer (ETFE)

Conductor:

AWG 36 - 30: silver-plated, high-strength copper alloy (HSA / AWG: 28: tinned copper (TPC)

Colors:

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

Temperature:

-65 to 150°C

Type:

UZI, extremely thin-walled

Operating voltage:

160/300V AC U0/U

Dimensions:

AWG	Master number	Strands	Conductor		R	with insulation			Current
		Quantity x Ø	Ømax	Cross cut		Ømin	Ømax	weight	
		[mm]	[mm]	[mm ²]		[mm]	[mm]	[g/m]	
36	FLUZI3607H	7 x 0,050	0,01	0,32	1545	0,29	0,34	0,30	2
34	FLUZI3407H	7 x 0,060	0,02	0,36	979,0	0,33	0,38	0,40	2
32	FLUZI3207H	7 x 0,079	0,03	0,42	621,0	0,39	0,44	0,55	3
	FLUZI3219H	19 x 0,050	0,04	0,42	571,0	0,39	0,44	0,65	3
30	FLUZI3007H	7 x 0,102	0,05	0,49	373,0	0,46	0,51	0,85	4
	FLUZI3019H	19 x 0,060	0,05	0,50	360,0	0,47	0,52	0,90	4
28	FLUZI2807T*	7 x 0,127	0,38	0,09	210,0	0,53	0,58	1,2	6

* Tinned copper

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: FLUZI3407HBR

FLUZI3407H = master number

BR = brown