

ETFE / ZL-STZ

ETFE insulated, ETFE sheathed, shielded multicores, based on: MIL-C-27500

Intended for use in signal and low-voltage power applications

600/1000 V AC

Order reference		Cores				Finished cable			Electrical	
Description	Article Number	No. of cores	Tin Plated Copper (TPC)		ETFE	TPC braid	ETFE	Weight	DC Resistance	DC Current rating
			Size	Conductor	Insulation	Shield/s	Sheath/s			In free air at 40°C
		Lay up	AWG	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
ZL 3007 STZ 1	525013007	1	30	0.30	0.61	1.05	1.50	5.0	354.3	5
ZL 2807 STZ 1	525012807		28	0.38	0.68	1.15	1.60	5.5	223.8	6
ZL 2619 STZ 1	525012619		26	0.48	0.81	1.25	1.70	7.0	131.6	9
ZL 2419 STZ 1	525012419		24	0.60	0.91	1.35	1.80	8.5	83.3	11
ZL 2219 STZ 1	525012219		22	0.76	1.09	1.55	2.00	10	52.2	15
ZL 2019 STZ 1	525012019		20	0.96	1.30	1.75	2.20	14	32.0	21
ZL 1819 STZ 1	525011819		18	1.21	1.55	2.00	2.50	18	20.4	28
ZL 1619 STZ 1	525011619		16	1.36	1.70	2.15	2.70	22	15.8	32
ZL 1419 STZ 1	525011419		14	1.70	2.06	2.50	3.00	30	10.0	43
ZL 1237 STZ 1	525011237		12	2.20	2.62	3.10	3.60	55	6.59	58
ZL 3007 STZ 2	525023007	2	30	0.30	0.61	1.70	2.10	8.5	366.0	4
ZL 2807 STZ 2	525022807		28	0.38	0.68	1.80	2.30	10	231.0	6
ZL 2619 STZ 2	525022619		26	0.48	0.81	2.10	2.60	12	139.0	8
ZL 2419 STZ 2	525022419		24	0.60	0.91	2.30	2.80	15	88.5	10
ZL 2219 STZ 2	525022219		22	0.76	1.09	2.70	3.20	18	54.7	14
ZL 2019 STZ 2	525022019		20	0.96	1.30	3.10	3.60	26	33.3	19
ZL 1819 STZ 2	525021819		18	1.21	1.55	3.60	4.10	34	21.0	25
ZL 1619 STZ 2	525021619		16	1.36	1.70	3.90	4.50	40	16.2	30
ZL 1419 STZ 2	525021419		14	1.70	2.06	4.60	5.30	59	10.3	40
ZL 1237 STZ 2	525021237		12	2.20	2.62	5.70	6.40	87	6.82	53
ZL 3007 STZ 3	525033007	3	30	0.30	0.61	1.75	2.25	10	366.0	4
ZL 2807 STZ 3	525032807		28	0.38	0.68	1.90	2.40	11	231.0	5
ZL 2619 STZ 3	525032619		26	0.48	0.81	2.20	2.70	15	139.0	7
ZL 2419 STZ 3	525032419		24	0.60	0.91	2.40	2.90	18	88.5	10
ZL 2219 STZ 3	525032219		22	0.76	1.09	2.80	3.30	24	54.7	13
ZL 2019 STZ 3	525032019		20	0.96	1.30	3.30	3.80	33	33.3	17
ZL 1819 STZ 3	525031819		18	1.21	1.55	3.80	4.30	46	21.0	23
ZL 1619 STZ 3	525031619		16	1.36	1.70	4.10	4.80	56	16.2	27
ZL 1419 STZ 3	525031419		14	1.70	2.06	4.90	5.60	82	10.3	36
ZL 1237 STZ 3	525031237		12	2.20	2.62	6.10	6.80	120	6.82	49

Cable identification

Cores 1st: White, 2nd: Red, 3rd: Black, 4th: Blue, 5th: Yellow, 6th: Green, 7th: Orange



Sheath White



Marking None

Characteristics and key properties

CE	UK CA	RoHS REACH LVD		Current rating DIN VDE 0298-4	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Based on MIL-C-27500								Temp low -65°C		Temp peak +150°C

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600/1000 V AC

Order reference		Cores				Finished cable			Electrical	
Description	Article Number	No. of cores	Tin Plated Copper (TPC)		ETFE	TPC braid	ETFE	Weight	DC Resistance	DC Current rating
			Size	Conductor	Insulation	Shield/s	Sheath/s			In free air at 40°C
		Lay up	AWG	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
ZL 3007 STZ 4	525043007	4	30	0.30	0.61	1.90	2.40	11	366.0	4
ZL 2807 STZ 4	525042807		28	0.38	0.68	2.10	2.60	13	231.0	5
ZL 2619 STZ 4	525042619		26	0.48	0.81	2.40	2.90	18	139.0	7
ZL 2419 STZ 4	525042419		24	0.60	0.91	2.70	3.20	23	88.5	9
ZL 2219 STZ 4	525042219		22	0.76	1.09	3.10	3.60	30	54.7	12
ZL 2019 STZ 4	525042019		20	0.96	1.30	3.60	4.10	42	33.3	16
ZL 1819 STZ 4	525041819		18	1.21	1.55	4.20	4.90	59	21.0	22
ZL 1619 STZ 4	525041619		16	1.36	1.70	4.60	5.30	71	16.2	25
ZL 1419 STZ 4	525041419		14	1.70	2.06	5.40	6.10	102	10.3	34
ZL 1237 STZ 4	525041237		12	2.20	2.62	6.80	7.50	154	6.82	45
ZL 3007 STZ 5	525053007	5	30	0.30	0.61	2.10	2.60	15	366.0	3
ZL 2807 STZ 5	525052807		28	0.38	0.68	2.30	2.80	17	231.0	4
ZL 2619 STZ 5	525052619		26	0.48	0.81	2.70	3.20	22	139.0	6
ZL 2419 STZ 5	525052419		24	0.60	0.91	2.90	3.40	28	88.5	8
ZL 2219 STZ 5	525052219		22	0.76	1.09	3.40	3.90	37	54.7	11
ZL 2019 STZ 5	525052019		20	0.96	1.30	4.00	4.70	51	33.3	15
ZL 1819 STZ 5	525051819		18	1.21	1.55	4.70	5.40	75	21.0	20
ZL 1619 STZ 5	525051619		16	1.36	1.70	5.10	5.80	89	16.2	24
ZL 1419 STZ 5	525051419		14	1.70	2.06	6.00	6.70	127	10.3	32
ZL 1237 STZ 5	525051237		12	2.20	2.62	7.70	8.60	205	6.82	43
ZL 3007 STZ 6	525063007	6	30	0.30	0.61	2.30	2.80	16	366.0	3
ZL 2807 STZ 6	525062807		28	0.38	0.68	2.50	3.00	19	231.0	4
ZL 2619 STZ 6	525062619		26	0.48	0.81	2.90	3.40	25	139.0	6
ZL 2419 STZ 6	525062419		24	0.60	0.91	3.20	3.70	32	88.5	8
ZL 2219 STZ 6	525062219		22	0.76	1.09	3.70	4.20	40	54.7	11
ZL 2019 STZ 6	525062019		20	0.96	1.30	4.40	5.10	65	33.3	15
ZL 1819 STZ 6	525061819		18	1.21	1.55	5.10	5.80	87	21.0	19
ZL 1619 STZ 6	525061619		16	1.36	1.70	5.60	6.30	111	16.2	23
ZL 1419 STZ 6	525061419		14	1.70	2.06	6.60	7.50	159	10.3	30
ZL 1237 STZ 6	525061237		12	2.20	2.62	8.60	9.50	245	6.82	41

Cable identification

Cores 1st: White, 2nd: Red, 3rd: Black, 4th: Blue, 5th: Yellow, 6th: Green, 7th: Orange



Sheath White



Marking None

Characteristics and key properties

CE	UK CA	RoHS REACH LVD		Current rating DIN VDE 0298-4	Fluid resistant Fuel Oil Water		Flame resistant		Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
Based on MIL-C-27500							Temp low -65°C			Temp peak +150°C

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			Size	Conductor	Insulation	Shield/s	Sheath/s			In free air at 40°C
		Lay up	AWG	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Max Ω/km	Amps
ZL 3007 STZ 7	525073007	7	30	0.30	0.61	2.30	2.80	16	366.0	3
ZL 2807 STZ 7	525072807		28	0.38	0.68	2.50	3.00	19	231.0	4
ZL 2619 STZ 7	525072619		26	0.48	0.81	2.90	3.40	25	139.0	6
ZL 2419 STZ 7	525072419		24	0.60	0.91	3.20	3.70	32	88.5	8
ZL 2219 STZ 7	525072219		22	0.76	1.09	3.70	4.20	45	54.7	10
ZL 2019 STZ 7	525072019		20	0.96	1.30	4.40	5.10	67	33.3	14
ZL 1819 STZ 7	525071819		18	1.21	1.55	5.10	5.80	96	21.0	19
ZL 1619 STZ 7	525071619		16	1.36	1.70	5.60	6.30	116	16.2	22
ZL 1419 STZ 7	525071419		14	1.70	2.06	6.60	7.50	174	10.3	29
ZL 1237 STZ 7	525071237		12	2.20	2.62	8.60	9.50	270	6.82	39

Cable identification

Cores 1st: White, 2nd: Red, 3rd: Black, 4th: Blue, 5th: Yellow, 6th: Green, 7th: Orange



Sheath White



Marking None

Characteristics and key properties

CE	UK CA	RoHS REACH LVD	Current rating DIN VDE 0298-4	Fluid resistant Fuel Oil Water	Flame resistant	Smoke free	MBR Fixed = 5x Ø Flexing = 10x Ø
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