

ETFE / ZL-STZ

ETFE insulated, ETFE sheathed, shielded multicores, based on: MIL-C-27500
Intended for use in signal and low-voltage power applications

Order reference		Cores					Finished cable			Electrical	
		No. of cores	Tin Plated Copper (TPC)			ETFE	TPC braid	ETFE	Weight	DC Current rating	Voltage
			Size	Stranding	Conductor	Insulation	Shield/s	Sheath/s		In free air at 40°C	
Description (NSN - if applicable)	Article Number	Lay up	AWG	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U
ZL 3007 STZ 1	525013007	1	30	7 x 0.102	0.30	0.61	1.05	1.50	5.0	5	600/1000
ZL 2807 STZ 1	525012807		28	7 x 0.127	0.38	0.68	1.15	1.60	5.5	6	
ZL 2619 STZ 1	525012619		26	19 x 0.102	0.48	0.81	1.25	1.70	7.0	9	
ZL 2419 STZ 1	525012419		24	19 x 0.127	0.60	0.91	1.35	1.80	8.5	11	
ZL 2219 STZ 1	525012219		22	19 x 0.160	0.76	1.09	1.55	2.00	10	15	
ZL 2019 STZ 1	525012019		20	19 x 0.203	0.96	1.30	1.75	2.20	14	21	
ZL 1819 STZ 1	525011819		18	19 x 0.254	1.21	1.55	2.00	2.50	18	28	
ZL 1619 STZ 1	525011619		16	19 x 0.287	1.36	1.70	2.15	2.70	22	32	
ZL 1419 STZ 1	525011419		14	19 x 0.361	1.70	2.06	2.50	3.00	30	43	
ZL 1237 STZ 1	525011237		12	37 x 0.320	2.20	2.62	3.10	3.60	55	58	
ZL 3007 STZ 2	525023007		2	30	7 x 0.102	0.30	0.61	1.70	2.10	8.5	
ZL 2807 STZ 2	525022807	28		7 x 0.127	0.38	0.68	1.80	2.30	10	6	
ZL 2619 STZ 2	525022619	26		19 x 0.102	0.48	0.81	2.10	2.60	12	8	
ZL 2419 STZ 2	525022419	24		19 x 0.127	0.60	0.91	2.30	2.80	15	10	
ZL 2219 STZ 2	525022219	22		19 x 0.160	0.76	1.09	2.70	3.20	18	14	
ZL 2019 STZ 2	525022019	20		19 x 0.203	0.96	1.30	3.10	3.60	26	19	
ZL 1819 STZ 2	525021819	18		19 x 0.254	1.21	1.55	3.60	4.10	34	25	
ZL 1619 STZ 2	525021619	16		19 x 0.287	1.36	1.70	3.90	4.50	40	30	
ZL 1419 STZ 2	525021419	14		19 x 0.361	1.70	2.06	4.60	5.30	59	40	
ZL 1237 STZ 2	525021237	12		37 x 0.320	2.20	2.62	5.70	6.40	87	53	
ZL 3007 STZ 3	525033007	3		30	7 x 0.102	0.30	0.61	1.75	2.25	10	4
ZL 2807 STZ 3	525032807		28	7 x 0.127	0.38	0.68	1.90	2.40	11	5	
ZL 2619 STZ 3	525032619		26	19 x 0.102	0.48	0.81	2.20	2.70	15	7	
ZL 2419 STZ 3	525032419		24	19 x 0.127	0.60	0.91	2.40	2.90	18	10	
ZL 2219 STZ 3	525032219		22	19 x 0.160	0.76	1.09	2.80	3.30	24	13	
ZL 2019 STZ 3	525032019		20	19 x 0.203	0.96	1.30	3.30	3.80	33	17	
ZL 1819 STZ 3	525031819		18	19 x 0.254	1.21	1.55	3.80	4.30	46	23	
ZL 1619 STZ 3	525031619		16	19 x 0.287	1.36	1.70	4.10	4.80	56	27	
ZL 1419 STZ 3	525031419		14	19 x 0.361	1.70	2.06	4.90	5.60	82	36	
ZL 1237 STZ 3	525031237		12	37 x 0.320	2.20	2.62	6.10	6.80	120	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

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	All-round chemical resistance	Low smoke	Flame retardant	+150°C High temp
					Test voltage 1.5 kV AC	Current rating to IEC 60287	-65°C Low temp

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		No. of cores	Tin Plated Copper (TPC)			ETFE	TPC braid	ETFE	Weight	DC Current rating	Voltage
			Size	Stranding	Conductor	Insulation	Shield/s	Sheath/s		In free air at 40°C	
Description (NSN - if applicable)	Article Number	Lay up	AWG	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U
ZL 3007 STZ 4	525043007	4	30	7 x 0.102	0.30	0.61	1.90	2.40	11	4	600/1000
ZL 2807 STZ 4	525042807		28	7 x 0.127	0.38	0.68	2.10	2.60	13	5	
ZL 2619 STZ 4	525042619		26	19 x 0.102	0.48	0.81	2.40	2.90	18	7	
ZL 2419 STZ 4	525042419		24	19 x 0.127	0.60	0.91	2.70	3.20	23	9	
ZL 2219 STZ 4	525042219		22	19 x 0.160	0.76	1.09	3.10	3.60	30	12	
ZL 2019 STZ 4	525042019		20	19 x 0.203	0.96	1.30	3.60	4.10	42	16	
ZL 1819 STZ 4	525041819		18	19 x 0.254	1.21	1.55	4.20	4.90	59	22	
ZL 1619 STZ 4	525041619		16	19 x 0.287	1.36	1.70	4.60	5.30	71	25	
ZL 1419 STZ 4	525041419		14	19 x 0.361	1.70	2.06	5.40	6.10	102	34	
ZL 1237 STZ 4	525041237		12	37 x 0.320	2.20	2.62	6.80	7.50	154	45	
ZL 3007 STZ 5	525053007		5	30	7 x 0.102	0.30	0.61	2.10	2.60	15	
ZL 2807 STZ 5	525052807	28		7 x 0.127	0.38	0.68	2.30	2.80	17	4	
ZL 2619 STZ 5	525052619	26		19 x 0.102	0.48	0.81	2.70	3.20	22	6	
ZL 2419 STZ 5	525052419	24		19 x 0.127	0.60	0.91	2.90	3.40	28	8	
ZL 2219 STZ 5	525052219	22		19 x 0.160	0.76	1.09	3.40	3.90	37	11	
ZL 2019 STZ 5	525052019	20		19 x 0.203	0.96	1.30	4.00	4.70	51	15	
ZL 1819 STZ 5	525051819	18		19 x 0.254	1.21	1.55	4.70	5.40	75	20	
ZL 1619 STZ 5	525051619	16		19 x 0.287	1.36	1.70	5.10	5.80	89	24	
ZL 1419 STZ 5	525051419	14	19 x 0.361	1.70	2.06	6.00	6.70	127	32		
ZL 1237 STZ 5	525051237	12	37 x 0.320	2.20	2.62	7.70	8.60	205	43		
ZL 3007 STZ 6	525063007	6	30	7 x 0.102	0.30	0.61	2.30	2.80	16	3	600/1000
ZL 2807 STZ 6	525062807		28	7 x 0.127	0.38	0.68	2.50	3.00	19	4	
ZL 2619 STZ 6	525062619		26	19 x 0.102	0.48	0.81	2.90	3.40	25	6	
ZL 2419 STZ 6	525062419		24	19 x 0.127	0.60	0.91	3.20	3.70	32	8	
ZL 2219 STZ 6	525062219		22	19 x 0.160	0.76	1.09	3.70	4.20	40	11	
ZL 2019 STZ 6	525062019		20	19 x 0.203	0.96	1.30	4.40	5.10	65	15	
ZL 1819 STZ 6	525061819		18	19 x 0.254	1.21	1.55	5.10	5.80	87	19	
ZL 1619 STZ 6	525061619		16	19 x 0.287	1.36	1.70	5.60	6.30	111	23	
ZL 1419 STZ 6	525061419		14	19 x 0.361	1.70	2.06	6.60	7.50	159	30	
ZL 1237 STZ 6	525061237		12	37 x 0.320	2.20	2.62	8.60	9.50	245	41	

Cable identification

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Sheath White



Marking None

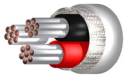
Characteristics and key properties

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	All-round chemical resistance	Low smoke	Flame retardant	+150°C High temp
				Test voltage 1.5 kV AC	Current rating to IEC 60287	-65°C Low temp	

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		Size	Stranding	Conductor	Insulation	Shield/s	Sheath/s		In free air at 40°C		
Description (NSN - if applicable)	Article Number	Lay up	AWG	# x mm	Nom Ø	Nom Ø	Nom Ø	Nom Ø	Nom g/m	Amps	V AC U ₀ /U
ZL 3007 STZ 7	525073007	7	30	7 x 0.102	0.30	0.61	2.30	2.80	16	3	600/1000
ZL 2807 STZ 7	525072807		28	7 x 0.127	0.38	0.68	2.50	3.00	19	4	
ZL 2619 STZ 7	525072619		26	19 x 0.102	0.48	0.81	2.90	3.40	25	6	
ZL 2419 STZ 7	525072419		24	19 x 0.127	0.60	0.91	3.20	3.70	32	8	
ZL 2219 STZ 7	525072219		22	19 x 0.160	0.76	1.09	3.70	4.20	45	10	
ZL 2019 STZ 7	525072019		20	19 x 0.203	0.96	1.30	4.40	5.10	67	14	
ZL 1819 STZ 7	525071819		18	19 x 0.254	1.21	1.55	5.10	5.80	96	19	
ZL 1619 STZ 7	525071619		16	19 x 0.287	1.36	1.70	5.60	6.30	116	22	
ZL 1419 STZ 7	525071419		14	19 x 0.361	1.70	2.06	6.60	7.50	174	29	
ZL 1237 STZ 7	525071237		12	37 x 0.320	2.20	2.62	8.60	9.50	270	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

	RoHS 2011/65/EU	REACH EC No. 1907/2006	LVD 2014/35/EU	All-round chemical resistance	Low smoke	Flame retardant	+150°C High temp
				Test voltage 1.5 kV AC	Current rating to IEC 60287	-65°C Low temp	

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