

LSZH Jacket, XLPE Insulation, 90°C – 600 Volt – Type TC-LS-ER, 3 & 4 Conductor with Ground, E-2 & Method 4* Color Codes

LSZH Jacket
 XLPE Insulation
 90°C - 600 Volt - Type TC-LS-ER
 3 & 4 Conductor with Ground
 E 2 & Method 4* Color Codes



*Product images are for illustrative purposes only and may differ from the actual product.

Category Conductor Description:

- Tinned annealed copper per ASTM B33 Class B stranding per ASTM B8

Category Insulation Description:

- Lead-free, flame-retardant, low smoke Cross-Linked Polyethylene (XLPE)

Ground:

- Bare copper conductor

Category Jacket Description:

- Lead-free, flame-retardant, sunlight resistant, low smoke, Zero-halogen polyolefin (LSZH)

Applications:

- In free air, raceways, and direct burial
- In wet or dry locations
- Approved for direct burial
- Class 1, Division 2 industrial hazardous locations per NEC

Standards:

- UL 44 Type XHHW-2
- UL 1277 Type TC-LS-ER
- UL 1581 VW-1
- UL 1685 Vertical Flame Test
- IEEE 1202
- RoHS Compliant
- Rated for UV/Sunlight Resistant applications

Color Code Chart			
Cond #	Color	Cond #	Color
1	Black	31	Brown/Yellow Stripe
2	Red	32	Black/Brown Stripe
3	Blue	33	Red/Brown Stripe
4	Orange	34	Blue/Brown Stripe
5	Yellow	35	Orange/Brown Stripe

6	Brown	36	Yellow/Brown Stripe
7	Red/Black Stripe	37	Black
8	Blue/Black Stripe	38	Red
9	Orange/Black Stripe	39	Blue
10	Yellow/Black Stripe	40	Orange
11	Brown/Black Stripe	41	Yellow
12	Black/Red Stripe	42	Brown
13	Blue/Red Stripe	43	Red/Black Stripe
14	Orange/Red Stripe	44	Blue/Black Stripe
15	Yellow/Red Stripe	45	Orange/Black Stripe
16	Brown/Red Stripe	46	Yellow/Black Stripe
17	Black/Blue Stripe	47	Brown/Black Stripe
18	Red/Blue Stripe	48	Black/Red Stripe
19	Orange/Blue Stripe	49	Blue/Red Stripe
20	Yellow/Blue Stripe	50	Orange/Red Stripe
21	Brown/Blue Stripe	51	Yellow/Red Stripe
22	Black/Orange Stripe	52	Brown/Red Stripe
23	Red/Orange Stripe	53	Black/Blue Stripe
24	Blue/Orange Stripe	54	Red/Blue Stripe
25	Yellow/Orange Stripe	55	Orange/Blue Stripe
26	Brown/Orange Stripe	56	Yellow/Blue Stripe
27	Black/Yellow Stripe	57	Brown/Blue Stripe
28	Red/Yellow Stripe	58	Black/Orange Stripe
29	Blue/Yellow Stripe	59	Red/Orange Stripe
30	Orange/Yellow Stripe	60	Blue/Orange Stripe

Part Number Table

Part#	Gauge	Conductors	Ground	Insulation Thickness	Jacket Thickness	Outside Diameter Inches	Material Weight (Lbs./M')
AZ31403	14	3	Bare copper conductor	0.03	0.045	.390"	118
AZ31203	12	3	Bare copper conductor	0.03	0.045	.435"	148
AZ31003	10	3	Bare copper conductor	0.03	0.045	.485"	225
AZ30803	8	3	Bare copper conductor	0.045	0.06	.655"	314
AZ30804	8	4	Bare copper conductor	0.045	0.06	.720"	393
AZ30603	6	3	Bare copper conductor	0.045	0.06	.740"	456
AZ30604	6	4	Bare copper conductor	0.045	0.06	.790"	561
AZ30403	4	3	Bare copper conductor	0.045	0.08	.880"	642
AZ30404	4	4	Bare copper conductor	0.045	0.08	.950"	822
AZ30203	2	3	Bare copper conductor	0.045	0.08	1.010"	979
AZ30204	2	4	Bare copper conductor	0.045	0.08	1.09"	1235
AZ30103	1	3	Bare copper conductor	0.055	0.08	1.120"	1021
AZ30104	1	4	Bare copper conductor	0.055	0.08	1.235"	1521
AZ31/003	1/0	3	Bare copper conductor	0.055	0.08	1.225"	1439
AZ31/004	1/0	4	Bare copper conductor	0.055	0.08	1.33"	1820
AZ32/003	2/0	3	Bare copper conductor	0.055	0.08	1.300"	1720
AZ32/004	2/0	4	Bare copper conductor	0.055	0.08	1.44"	2208
AZ33/004	3/0	4	Bare copper conductor	0.055	0.11	1.57"	2788
AZ34/003	4/0	3	Bare copper conductor	0.055	0.08	1.540"	2614
AZ34/004	4/0	4	Bare copper conductor	0.055	0.11	1.79"	3495
AZ325003	250	3	Bare copper conductor	0.065	0.11	1.76"	3184
AZ325004	250	4	Bare copper conductor	0.065	0.11	1.915"	4019

AZ335003	350	3	Bare copper conductor	0.065	0.11	1.960"	4187
AZ335004	250	4	Bare copper conductor	0.065	0.11	2.165"	5436
AZ350003	350	3	Bare copper conductor	0.065	0.11	2.245"	5847
AZ350004	350	4	Bare copper conductor	0.065	0.11	2.475"	7607
AZ375003	750	3	Bare copper conductor	0.08	0.14	2.810"	9145
AZ375004	750	4	Bare copper conductor	0.08	1.4	3.115"	11805

Note: The information in this specification sheet is approximate and subject to standard industry and manufacturer tolerances. *Sizes 8 AWG & larger are Method 4 color coded black with conductor numbers printed for identification..

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