

LSZH Jacket, XLPE Insulation, 90°C – 600 Volt – Type TC-LS-ER,* E-2 Color Code

LSZH Jacket
 XLPE Insulation
 90°C - 600 Volt - Type TC-LS-ER*
 E-2 Color Code



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

Category Conductor Description:

- Stranded tinned copper per ASTM B33 Class B stranding per ASTM B8.

Category Insulation Description:

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

Category Jacket Description:

- Lead-free, flame retardant, sunlight resistant, Low-Smoke, Zero-Halogen Polyolefin (LSZH)

Applications:

- In free air, raceways, aerial or direct burial
- In wet or dry locations
- Class 1 Division 2
- Permitted for Exposed Runs in 3 or more conductors

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 | Insulation Thickness | Jacket Thickness | Outside Diameter Inches | Material Weight (Lbs./M') |
|------------|-------|------------|----------------------|------------------|-------------------------|---------------------------|
| AZ11402R | 14 | 2 | .030" | .045" | .370" | 71 |
| AZ11402F | 14 | 2 Flat | .030" | .045" | .365 x .230" | 61 |
| AZ11403 | 14 | 3 | .030" | .045" | .390" | 92 |
| AZ11404 | 14 | 4 | .030" | .045" | .425" | 115 |
| AZ11405 | 14 | 5 | .030" | .045" | .465" | 139 |
| AZ11407-BC | 14 | | .030" | .045" | | 173 |
| AZ11407 | 14 | 7 | .030" | .045" | .505" | 173 |
| AZ11409 | 14 | 9 | .030" | .060" | .620" | 240 |
| AZ11412 | 14 | 12 | .030" | .060" | .700" | 301 |
| AZ11419 | 14 | 19 | .030" | .060" | .815" | 468 |
| AZ11425 | 14 | 25 | .030" | .080" | .935" | 624 |
| AZ11430 | 14 | 30 | .030" | .080" | 1.03" | 747 |
| AZ11437 | 14 | 37 | .030" | .080" | 1.11" | 875 |

Note: Dimensions and weights are nominal and subject to industry and manufacturer tolerances *ER Rating only applies to 3 conductors or more; AZ11402F has a flat construction.

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