

ANYCERT-UL21143

UL21143 LSZH Multi-cores optional shield cable



Application

Applies to the stress of sustained-release or mandatory guidance free of non-continuous reciprocating movement under the installation and fixed installation, such as machine tools, complete sets of equipment, installation works, paint shops, power plants, refrigeration equipment, office automation equipment

Feature

- Small diameter, which saves installation space. LSZH material
- to meet the stringent electrical and mechanical performance requirements
- Solid and soft, with excellent resistance to grease and chemical
- Adapt environmentally friendly materials, comply with ROHS directive
- Multi-standard wiring cable UL-CSA recognized to meet the standards of the United States and Canada, so the cable can be used simultaneously in the North American market.

Structure

- multi-strand thin bare copper or tinned copper
- conductor insulation of special FRPE mixture (the color can be customized according to customer requirements)
- cores twisted lay together
- Plastic tape wrap
- Special aluminum foil with 100% coverage*
- Copper wire (tinned) shielding braid or wrapping, the coverage up to 85%
- The outer sheath of PVC mixture (color can be customized according to customer requirements)*
- Is optional structure

Performance

- Operating voltage: 600V
- Rated temperature: 80°C
- Oil resistant, flame retardant, and extension of flammable: the CSA FT1 and UL VW-1

| Item | Conductor | | | Insulation | | | Shield | | Jacket | | resistant |
|-----------------|-----------|---------|------|------------|------------|------|--------|-----------|------------|------|-----------|
| | AWG | NO./mm | O.D. | cores | thick-ness | O.D. | warp | braid | thick-ness | O.D. | |
| 100121143002030 | 30 | 7/0.10 | 0.30 | 2 | 0.25 | 0.80 | AL | 16/4/0.10 | 0.76 | 3.52 | 319.26 |
| 100121143003030 | 30 | 7/0.10 | 0.30 | 3 | 0.25 | 0.80 | AL | 16/4/0.10 | 0.76 | 3.64 | 319.26 |
| 100121143004030 | 30 | 7/0.10 | 0.30 | 4 | 0.25 | 0.80 | AL | 16/4/0.10 | 0.76 | 3.85 | 319.26 |
| 100121143005030 | 30 | 7/0.10 | 0.30 | 5 | 0.25 | 0.80 | AL | 16/4/0.10 | 0.76 | 5.42 | 319.26 |
| 100121143002028 | 28 | 7/0.127 | 0.38 | 2 | 0.25 | 0.88 | AL | 16/4/0.10 | 0.76 | 3.68 | 197.94 |
| 100121143003028 | 28 | 7/0.127 | 0.38 | 3 | 0.25 | 0.88 | AL | 16/4/0.10 | 0.76 | 3.82 | 197.94 |
| 100121143004028 | 28 | 7/0.127 | 0.38 | 4 | 0.25 | 0.88 | AL | 16/4/0.10 | 0.76 | 4.05 | 197.94 |
| 100121143005028 | 28 | 7/0.127 | 0.38 | 5 | 0.25 | 0.88 | AL | 16/4/0.10 | 0.76 | 4.30 | 197.94 |
| 100121143002026 | 26 | 7/0.16 | 0.48 | 2 | 0.25 | 0.95 | AL | 16/4/0.10 | 0.76 | 3.82 | 124.71 |
| 100121143003026 | 26 | 7/0.16 | 0.48 | 3 | 0.25 | 0.95 | AL | 16/4/0.10 | 0.76 | 3.97 | 124.71 |
| 100121143004026 | 26 | 7/0.16 | 0.48 | 4 | 0.25 | 0.95 | AL | 16/4/0.10 | 0.76 | 4.21 | 124.71 |
| 100121143005026 | 26 | 7/0.16 | 0.48 | 5 | 0.25 | 0.95 | AL | 16/4/0.10 | 0.76 | 4.49 | 124.71 |
| 100121143002024 | 24 | 11/0.16 | 0.61 | 2 | 0.25 | 1.10 | AL | 16/5/0.10 | 0.76 | 4.12 | 98.54 |
| 100121143003024 | 24 | 11/0.16 | 0.61 | 3 | 0.25 | 1.10 | AL | 16/5/0.10 | 0.76 | 4.29 | 98.54 |
| 100121143004024 | 24 | 11/0.16 | 0.61 | 4 | 0.25 | 1.10 | AL | 16/5/0.10 | 0.76 | 4.58 | 98.54 |
| 100121143005024 | 24 | 11/0.16 | 0.61 | 5 | 0.25 | 1.10 | AL | 16/5/0.10 | 0.76 | 4.89 | 98.54 |
| 100121143002022 | 22 | 17/0.16 | 0.76 | 2 | 0.25 | 1.26 | AL | 16/5/0.10 | 0.76 | 4.45 | 51.35 |
| 100121143003022 | 22 | 17/0.16 | 0.76 | 3 | 0.25 | 1.26 | AL | 16/5/0.10 | 0.76 | 4.63 | 51.35 |
| 100121143004022 | 22 | 17/0.16 | 0.76 | 4 | 0.25 | 1.26 | AL | 16/5/0.10 | 0.76 | 4.96 | 51.35 |
| 100121143005022 | 22 | 17/0.16 | 0.76 | 5 | 0.25 | 1.26 | AL | 16/5/0.10 | 0.76 | 5.32 | 51.35 |