

UL 2464 OVERALL SCREEN 16-24AWG SWB LSZH

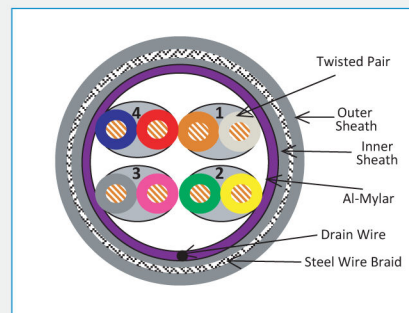
Overall Screened Data Control Cable, Armoured

Technical Details

| | |
|-------------------------------------|---|
| Conductor | Fully annealed stranded tinned copper per ASTM B-33 |
| Operating Voltage | 300V |
| Insulation | Premium grade SR-PVC |
| Insulation colour | White/Brown, Green/Yellow, Gray/Pink, Blue/Red |
| Insulation Dia. (±0.08mm) | 1.1 |
| Twist(Direction) | S |
| Drain wire(Construction,mm) | 7/0.254mm Stranded Tinned Copper |
| Assembly | Pairs + Drain wire |
| Al-Mylar Wrap(overlapping,%) | ≥ 25% |
| Inner Sheath | LSZH |
| Braid Armour | Galvanized Steel Wire Braid , >85% |
| Outer Sheath | LSZH |
| Rated Temperature | +80°C |

Cable Dimension

| Conductor Size | DC Resistance @ 20°C (Ω/km) | No of Pairs | Inner Sheath (mm) ± 5% | Outer Sheath over Armour Braid (mm) + 5% |
|----------------|-----------------------------|-------------|------------------------|--|
| 16 AWG | <= 14.50 | 1 Pair | 6.50 | 8.00 |
| | <= 14.50 | 2 Pairs | 9.00 | 10.60 |
| | <= 14.50 | 3 Pairs | 9.60 | 11.30 |
| 18 AWG | <= 87.0 | 4 Pairs | 11.0 | 12.80 |
| | <= 23.60 | 1 Pair | 5.60 | 7.10 |
| | <= 23.60 | 2 Pairs | 8.0 | 9.60 |
| | <= 23.60 | 3 Pairs | 8.2 | 9.90 |
| 20 AWG | <= 23.60 | 4 Pairs | 10.0 | 11.80 |
| | <= 36.0 | 1 Pair | 5.00 | 6.50 |
| | <= 36.0 | 2 Pairs | 6.40 | 8.00 |
| | <= 36.0 | 3 Pairs | 7.70 | 9.40 |
| 22 AWG | <= 36.0 | 4 Pairs | 8.00 | 9.80 |
| | <= 56.0 | 1 Pair | 4.60 | 6.10 |
| | <= 56.0 | 2 Pairs | 5.50 | 7.10 |
| | <= 56.0 | 3 Pairs | 6.40 | 8.10 |
| 24 AWG | <= 56.0 | 4 Pairs | 7.00 | 8.80 |
| | <= 86.60 | 1 Pair | 4.00 | 5.50 |
| | <= 86.60 | 2 Pairs | 5.00 | 6.60 |
| | <= 86.60 | 3 Pairs | 5.80 | 7.50 |
| | <= 86.60 | 4 Pairs | 6.70 | 8.50 |



Application

For installation requiring flexible connector cable to fulfill measuring, controls & command applications ie Computer Interconnection, Data Transmission, Control Circuits, Industrial Equipment Control, suitable for EIA RS-232 applications. Steel wire braid provides outdoor protection against harsh handling.

Optional

- PVC

Ordering Information

UL 2464 16-24 AWG SWB part numbers are made up using the table below.

The part number starts with 24 to denote that it is an UL 2464 cable. The following number shows the number of pairing and the last 2 numbers signifies the AWG. The following letter describes the sheath type and the alphabet at the end shows that this is a steel wire braided cable.

Example of an UL 2464 SWB part number -

24220LB

The above example describes an UL 2464 cable with 2 pairing, 20 AWG. Sheath type LSZH, SWB.

| UL 2464 | PAIRING | AWG | SHEATH | OUTER JACKET |
|---------|--|---|-------------------------|--------------|
| 24 | X | XX | X | X |
| | 1 - 1 Pair 2 - 2 Pair 3 - 3 Pair 4 - 4 Pair | 16 - 16 AWG 18 - 18 AWG 20 - 20 AWG 22 - 22 AWG 24 - 24 AWG | (nil) - PVC L - LSZH | B - SWB |