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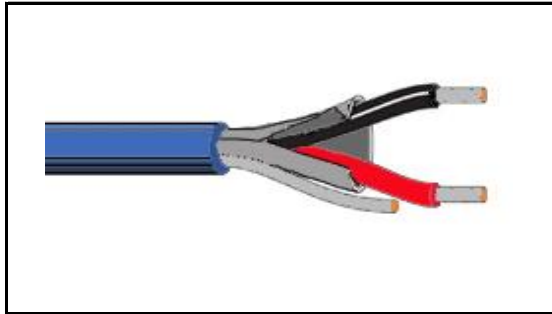
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**CONSTRUCTION DETAILS**

|                              |  |
|------------------------------|--|
| <b>BUILD:</b>                | 2 X 18 AWG CONDUCTORS, TWISTED, 2 INCH LAY (LEFT HAND)                       |
| <b>CONDUCTOR:</b>            | 2 X 18 AWG (19 x 30) TIN PLATED COPPER, 0.050" (1.27MM) CONDUCTOR DIAMETER   |
| <b>CONDUCTOR INSULATION:</b> | FEP (FLUORINATED ETHYLENE PROPYLENE), 0.007" WALL THICKNESS                  |
| <b>CONDUCTOR COLORS:</b>     | BLACK AND RED  |
| <b>SHIELD:</b>               | ALUMINUM FOIL-POLYESTER TAPE, 100% COVERAGE                                  |
| <b>SHIELD DRAIN WIRE:</b>    | 20 AWG (7 X 32) TIN PLATED COPPER  |
| <b>CABLE JACKET:</b>         | BLUE, FEP (FLUORINATED ETHYLENE PROPYLENE), 0.014" (NOMIONAL) WALL THICKNESS |
| <b>CABLE DIAMATER:</b>       | 0.143" (NOMINAL)   |
| <b>JACKET PRINT:</b>         | NO   |

**PLENUM:**

|                      |     |
|----------------------|-----|
| <b>PLENUM RATED:</b> | YES |
|----------------------|-----|

**PERFORMANCE / CHARACTERISTICS**

|  |   |
|--|---|
| <b>TEMPERATURE RATING:</b>                         | -70°C to +200°C                                   |
| <b>MAX. OPERATING VOLTAGE (UL):</b>                | 300 VOLTS RMS                                     |
| <b>WEIGHT:</b>                                     | 23 LBS. PER 1,000 FEET                            |
| <b>ENVIRONMENTAL:</b>                              | ROHS COMPLIANT                                    |
| <b>MINIMUM BEND RADIUS:</b>                        | 1.500 INCHES                                      |
| <b>NEC(UL) SPECIFICATION:</b>                      | CMP   |
| <b>NEC ARTICLES:</b>                               | 800   |
| <b>CEC/C(UL) SPECIFICATION:</b>                    | CMP   |
| <b>UL FLAME TEST:</b>                              | NFPA 262  |
| <b>CSA FLAME TEST:</b>                             | FT6   |
| <b>FAA FLAME TEST (IN FLIGHT)</b>                  | 60 DEGREE WIRE 25.869 (a) App F Part 1            |
| <b>EU Directive 2011/65/EU (ROHS II):</b>          | YES   |
| <b>EU Directive 2000/53/EC (ELV):</b>              | YES   |
| <b>EU Directive 2002/95/EC (RoHS):</b>             | YES   |
| <b>EU Directive 2002/96/EC (WEEE):</b>             | YES   |
| <b>EU Directive 2003/11/EC (BFR):</b>              | YES   |
| <b>CA Prop 65 (CJ for Wire &amp; Cable):</b>       | YES   |
| <b>MII Order #39 (China RoHS):</b>                 | YES   |
| <b>CA Prop 65 (CJ for Wire &amp; Cable):</b>       | YES   |
| <b>INPEDANCE:</b>                                  | 29 OHMS   |
| <b>NOMINAL INDUCTANCE</b>                          | 0.15 pF/ Foot                                     |
| <b>NOMINAL CAPACITANCE CONDUCTOR TO CONDUCTOR:</b> | 51 pF/ Foot                                       |
| <b>NOMINAL CAPACITANCE CONDUCTOR TO SHIELD:</b>    | 97 pF/ Foot                                       |
| <b>VELOCITY OF PROPAGATION:</b>                    | 69% (NOMINAL)                                     |
| <b>DELAY:</b>                                      | 1.47 NS / FT.                                     |
| <b>DC RESISTANCE (CONDUCTOR):</b>                  | 5.5 DCR @ 20°C (OHMS PER 1,000 FEET)              |
| <b>DC RESISTANCE (SHIELD):</b>                     | 7.3 DCR @ 20°C (OHMS PER 1,000 FEET)              |
| <b>MAXIMUM RECOMMENDED CURRENT:</b>                | 5.4 AMPS PER CONDUCTOR @ 25°C AMBIENT TEMPERATURE |

REVISIONS

|   |            |                               |  |
|---|------------|-------------------------------|--|
| - | 12/30/2014 | NEW RELEASE                   | THIS DRAWING IS THE PROPERTY OF SILVER STATE WIRE & CABLE, INC. AND SHALL NOT BE REPRODUCED, COPIED, OR USED AS THE BASES FOR THE MANUFACTURE OR SALE OF THIS DESIGN WITH OUT THE WRITTEN PERMISSION OF SILVER STATE WIRE & CABLE. |
| A | 2/16/2015  | UPDATED PERF. CHARACTERISTICS |  |
| B | 2/16/2015  | UPDATED SHIELD DETAILS        |  |
|   |            |                               |  |
|   |            |                               | APPROVED BY: J. LEE  |
|   |            |                               | DRAWN BY: R. LANE  |
|   |            |                               | <b>SPEC NO:</b> <b>S-4786-6872</b>   |

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