

## Revisions

Rev.	Description	Date	Edit By
1	5 Pair 22 awg Double Shield	10/13/17	PJH
2	Changed Print Legend	05/28/18	BCH

Number of Twisted Pair: 5  
 AWG/Strand: 22 awg (7/30) Tinned Plated Copper  
 Strand O.D.: .030" +/- .001"  
 Primary Insulation: .010" Nominal Wall SR-PVC  
 Primary O.D.: .050" +/- .002"  
 Pairs Twinned: 1.5" Left Hand Lay  
 Color Code:

- Pair 1: Black-Red
- Pair 2: Green-Yellow
- Pair 3: Blue-Gray
- Pair 4: Orange-White
- Pair 5: Violet-Brown

1st Shield: Overall Aluminum/Mylar (25% Min. Lap - Foil Facing Out)  
 Drain Wire: 24 awg (7/32) Tinned Plated Copper  
 2nd Shield: 36 awg Tinned Plated Copper Braid  
 85% Min. Coverage  
 Overall Jacket: .035" Nominal Wall PVC  
 Pressure Extruded For Roundness  
 Jacket Color: Gray  
 Finished O.D.: .325" +/- .005"  
 Printing Ink: White  
 Printed: P/N B37150 E194074 5PR22 105C SHIELDED (UL) TYPE CM OR  
 AWM 2517 105C 300V --- CE [www.avtronencoders.com](http://www.avtronencoders.com)

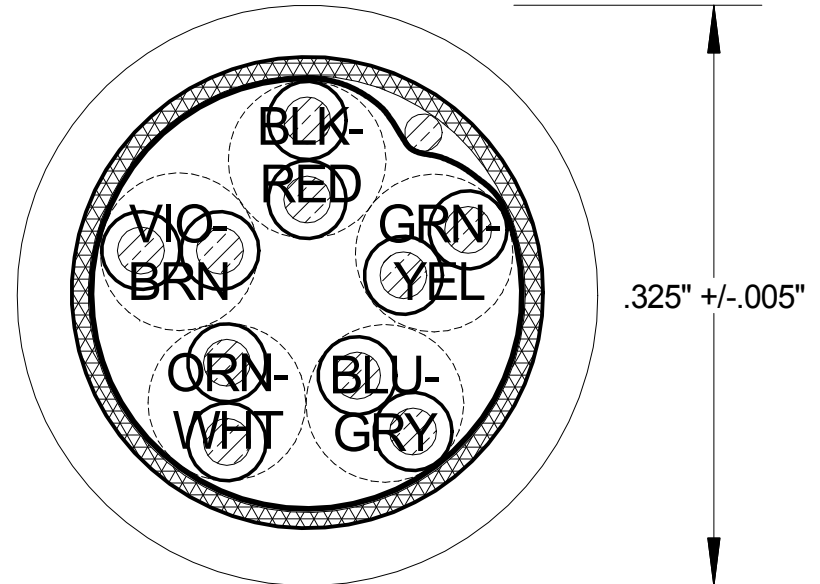
Operating Temperature Range: -40°C to +105°C  
 UL Temperature Rating: 105°C (AWM 2517)  
 Min. Bend Radius: 3"

### Compliance

RoHS, WEEE, CA Prop 65, Non-plenum

### Electrical Characteristics (calculated) Overall:

Nominal Capacitance Conductor to Conductor: 35pF/ft  
 Nominal Capacitance Conductor to Other Conductor and Shield: 63 pF/ft  
 Nominal Conductor DC Resistance: 14.7 Ohms/1000 ft @ 20°C Nom.  
 Nominal Outer shield DC Resistance: 4.6 Ohms/1000 ft @ 20°C Nom.  
 Maximum Recommended Current: 2.1 Amps per Conductor @ 25°C



Drawing #:	Rev.
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