



Preliminary

Construction: OD (In.)

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|---------------|-----------------------------------|-----------------|
| 1) Conductor: | 24 AWG 19/36 Silver Plated Copper | 0.0234 ± 0.001" |
| Insulation: | PTFE | 0.040 ± 0.003" |
| Colors: | Black, White | |
| Cable: | 2 Primaries into 1 Pair | 0.080" nom. |
| 2) Jacket: | White Fluoropolymer Tape | 0.098" nom. |

Physical Characteristics:

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|---------------------------------|---|
| 1) Weight per 1000': | 7.1 Lbs. nom. |
| 2) Minimum bend radius: | 0.50" |
| 3) Minimum continuous length: | 100 ft |
| 4) Operating temperature range: | -65°C - 200 °C |
| 5) RoHS compliance: | Complies with RoHS (Directive 2002/95/EC) |

Electrical Characteristics:

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|-------------------------------|-----------------|
| 1) Impedance: | 100 ± 15 ohms |
| 2) Capacitance: | 14.5 pF/Ft nom. |
| 3) Velocity of Propagation: | 70.0 % nom. |
| 4) Dielectric Voltage Rating: | 1.5 kV RMS |

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| Drawn By: | K. LaVallee | This drawing contains proprietary information and is issued in strict confidence and shall not be copied, reproduced, transmitted or disclosed to any third party either wholly or in part without prior written approval of Harbour Industries . All copies outside of the Harbour Industries CAD system are Uncontrolled. | Rev: | | Sheet: | 1 of 1 |
| Approved By: | S. Dike | | Part Number: | TBD | - | |
| Date: | 2/12/16 | | Scale: | None | | |
| Scale: | None | | Drawing Name: | 1E100-24(19)/PTFE | | |
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