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|--|--|-----------|-------------|------|----------------|
| | | UNITS: IN | SCALE: 12:1 | ITEM | SPECIFICATIONS |
|--|--|-----------|-------------|------|----------------|

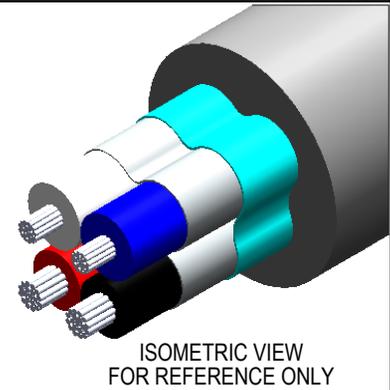
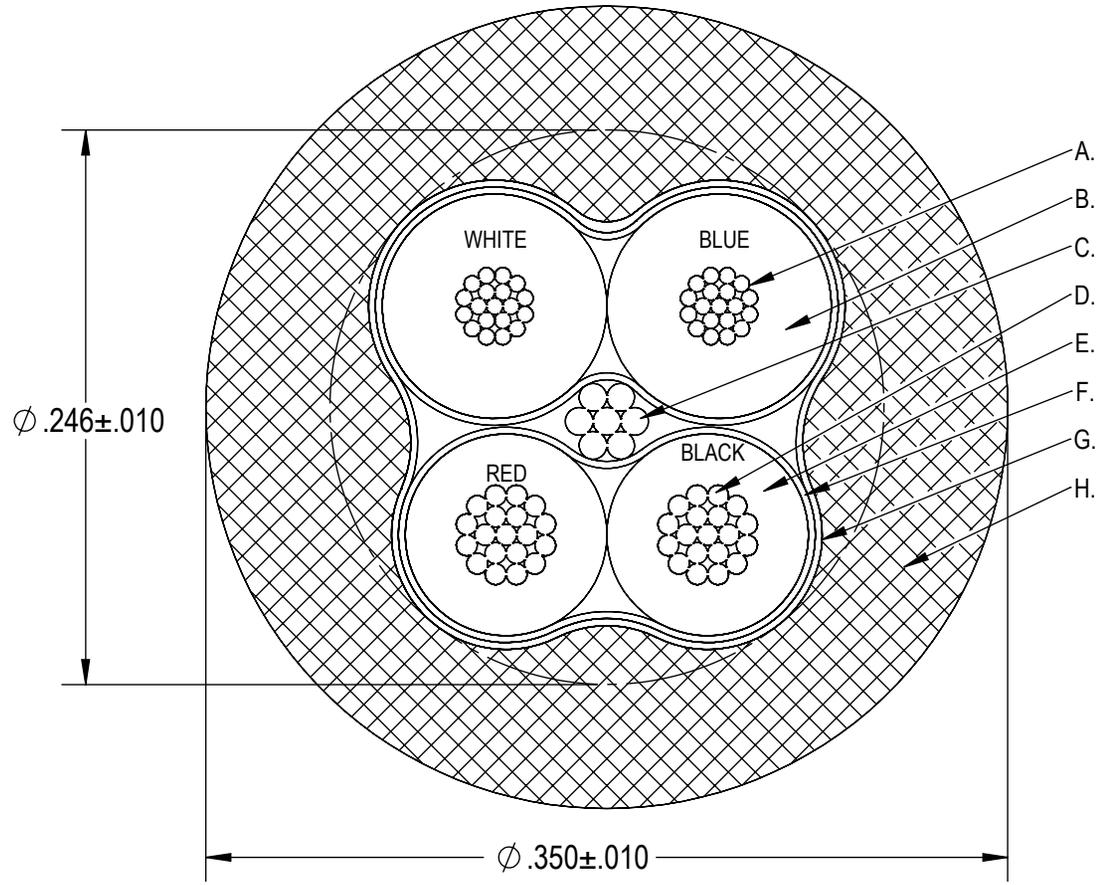
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|-----------------------------|--|-----|-----------------|--------|
| NORTHWIRE P/N: FCAB174C-002 | | JLB | DATE: 2/22/2024 | REV: B |
| CUSTOMER: HMWS | | | | |
| CUSTOMER P/N: 5722 | | | | |

CORE DIMENSIONS FOR INTERNAL USE ONLY
 INLINE CABLING

| ITEM | SPECIFICATIONS |
|------|--|
| A. | 20 AWG 19X.0073 TC |
| B. | 30 MIL FOAMED PE INSULATION 27 MIL MIN FOAMED PE INSULATION OD. .100±.002" |
| C. | 20 AWG 7X.0121" TC DRAIN WIRE |
| D. | 17 AWG 82x.0050" BC |
| E. | 15 MIL PVC INSULATION 13 MIL MIN PVC INSULATION OD. .088±.002" |
| F. | ALUMINUM FOIL SHIELD ON EACH PAIR (FOIL OUT) |
| G. | OVERALL ALUMINUM FOIL SHIELD (FOIL IN) |
| H. | 50 MIL PRESSURED PVC JACKET 40 MIL MIN PRESSURED PVC JACKET COLOR: GRAY |

ROHS3 DIRECTIVE (EU) 2015/863 TO AMEND
 ANNEX II TO EU ROHS 2, 2011/65/EU WITH NO
 EXEMPTIONS

FOR ADDITIONAL REGULATORY INQUIRIES
 PLEASE SUBMIT TO THE FOLLOWING:
RoHS_Northwire@lemo.com



| | | |
|-----------------------------------|--|--------------|
| LEGEND SPECIFICATIONS - NO LEGEND | | SHEET 1 OF 2 |
| OSCEOLA: NA | | |
| SANTA TERESA: NA | | |

| | | | | | |
|--|------|-----------------|-------------|--|--|
| DESCRIPTION: 17/2 - 20/2 PVC CABLE 80C 300V | | UNITS: IN | SCALE: 60:1 | ELECTRICAL REQUIREMENTS | |
| NORTHWIRE P/N: FCAB174C-002 | | | | - Power pair (17 AWG) | |
| CUSTOMER: HMWS | | | | (5) DC RES. one cond. 5.1600 ohms/1000 ft max | |
| CUSTOMER P/N: 5722 | | DATE: 2/22/2024 | REV: B | - Data Pair (20 AWG) | |
| | | | | (4) Char. Impedance 120 Ohms±10% | |
| | | | | (4) Nom. Capacitance 12 pF/Ft (COND TO COND) | |
| | | | | (4) Vel. of propagation 75% Nom. | |
| | | | | (5) DC RES. one cond. @ 20C 11.2 Ohms/1,000 ft max | |
| MECHANICAL REQUIREMENTS | | | | | |
| NONE SPECIFIED | | | | | |
| Performance Specification Footnote: | | | | | |
| (1) THEORETICAL - This performance specification is based on calculation or estimates driven by the materials and dimensions. | | | | | |
| (2) HISTORICAL - This performance specification is based on past test data for similar designs utilizing similar materials. | | | | | |
| (3) VALIDATION - This performance specification is based on testing completed during the initial run or from the initial lot. | | | | | |
| (4) PER LOT - This performance specification is based on testing completed for each lot manufactured. | | | | | |
| (5) PER SUPPLIER CERT - This is based on testing completed and certified by supplier or manufacturer | | | | | |
| UPDATED DESCRIPTION FROM TPU TO PVC . | B | 25777 | 5/29/2024 | AV | |
| INITIAL RELEASE | A | - | 2/22/2024 | AV | |
| UPDATED DESIGN TO 5722 | 2 | - | 1/24/2024 | AV | |
| DRAFT DRAWING | 1 | - | 6/7/2023 | AV | |
| REVISION RECORD | REV. | ECR NO. | REV DATE | APR | |
| REVISIONS | | | | | |