



Critical Design Review (CDR) Checklist
FO-LN-007-002

Today's Date: 7/1/24	Customer: IEWC
Attention: Joe Hofeman	Customer PO#: future
Drawing No: 60771-1	Revision: E

Please review in detail the NWI drawing against the descriptive categories below representing information gathered to correctly specify your cable requirements. In the review panel column, please provide your decision on each item based on your review of the NWI drawing.

Item #	Description of item to be reviewed	Review Panel Decision (Check only 1 box per item)	Actions/Changes Required	Action Closed?
1	Northwire supplied drawing/specification <ul style="list-style-type: none"> • AWG Size, Stranding, & Conductor Count • Insulation & Jacket Material • Shielding Requirements • Conductor & Jacket Color • Dimensions • Connectors & Over molded Parts (where applicable) • Electrical Requirements • Mechanical Requirements • Testing Requirements • Agency Approval • RoHS Compliance • Customer Part Number (32009872) 	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Accept as noted <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not required		<input type="checkbox"/>
2	Print Legend Requirements (To be filled in by DE)	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Accept as noted <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not required		<input type="checkbox"/>
3	Additional requirements not defined/captured on the Northwire drawing/specification	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Accept as noted <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not required		<input type="checkbox"/>
4	Additional testing not defined/captured on the Northwire drawing/specification.	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Accept as noted <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not required		<input type="checkbox"/>
5	1st Article Requirements Assembly's & Coil Cords Only (does not affect cable build) 5 Each or less for customer approval prior to order completion.	<input checked="" type="checkbox"/> Accept 1 st Article Qty of 5 <input type="checkbox"/> Accept 1 st Article Qty of less as noted. <input type="checkbox"/> 1 st Article is not required. (PO needs to be NC/NR)		<input type="checkbox"/>



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6	Packaging requirements <i>Bulk put up on 14" wood reel</i>	<input checked="" type="checkbox"/> Accept <input type="checkbox"/> Accept as noted. <input type="checkbox"/> Unacceptable <input type="checkbox"/> Not required		<input type="checkbox"/>
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Customer Comments:

Signing of this document provides acknowledgement and approval of the Critical Design Review.

Signature: *Daniel Davidson* Printed Name: Daniel Davidson

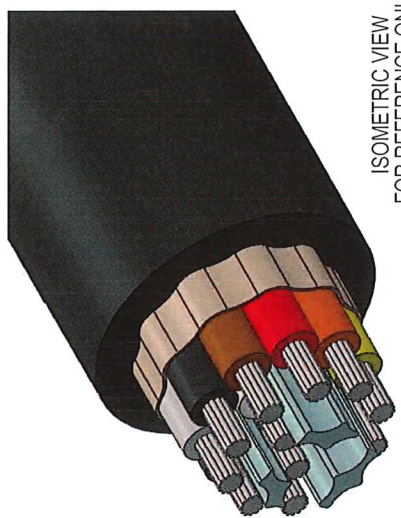
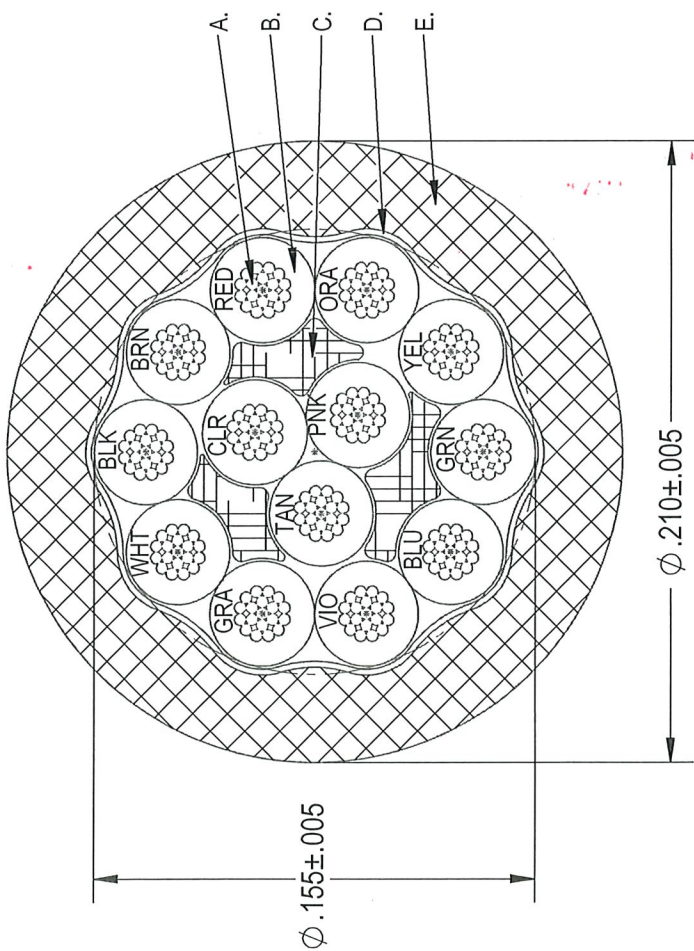
Title: Senior Engineering Technologist Date: 7/2/2024

***** Please also provide a signature, date, and optional engineering stamp on the NWI drawing to approve the creation or revision of your part.*****

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DESCRIPTION: 26/13 CABLE 90C 300V		UNITS: IN	SCALE: 16:1
NORTHWIRE P/N: FCAB2613-003		APPR BY: NN	REVD BY: AM
CUSTOMER: IEWC		DWG NO: 60771-1	
CUSTOMER P/N: 32009872		DATE: 1/21/2016	REV: E
CORE DIMENSIONS FOR INTERNAL USE ONLY			
<p>COLOR SEQUENCE OF EACH LAYER WILL REMAIN, ORIENTATION OF OUTER LAYER TO CENTER GROUP WILL VARY.</p>			
ITEM	SPECIFICATIONS		
A.	26 GAUGE 19x.004TC		
B.	7 MIL FEP INSULATION 90C 300V 6 MIL MIN. FEP INSULATION O.D. .0355 ±.0005		
C.	POLY FILLER		
D.	TISSUE PAPER SEPARATOR		
E.	20 MIL PRESSURED TPU JACKET 90C 300V 15 MIL MIN. TPU JACKET BLACK JACKET NO AGENCY APPROVALS		
<p>ROHS3 DIRECTIVE (EU) 2015/863 TO AMEND ANNEX II TO EU ROHS 2, 2011/65/EU WITH NO EXEMPTIONS</p> <p>FOR ADDITIONAL REGULATORY INQUIRIES PLEASE SUBMIT TO THE FOLLOWING: RoHS_Northwire@lemo.com</p>			



ISOMETRIC VIEW
FOR REFERENCE ONLY

LEGEND SPECIFICATIONS -	WHITE INK PRINT
OSCEOLA:	203948 13C26
SANTA TERESA:	N/A
SHEET 1 OF 2	

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DESCRIPTION: 26/13 CABLE 90C 300V	UNITS: IN	SCALE: 60:1
NORTHWIRE P/N: FCAB2613-003	DWG NO: 60771-1	
CUSTOMER: IEWC	APPR BY: NN	
CUSTOMER P/N: 32009872	DRAWN BY: DP LANGER	REV: E

ELECTRICAL REQUIREMENTS

NONE SPECIFIED

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

REVISIONS	REV.	ECR NO.	REV DATE	APR
CHANGE WHT/RED, WHT/BRN AND WHT/BLK CONDUCTORS TO CLR, PNK, TAN DUE TO INK ISSUE WITH FEP; UPDATE TO CURRENT DRAWING FORMAT	E	26083	7/1/24	DPL
UPDATE TO CURRENT DRAWING FORMAT	D		7/15/21	DPL
CHANGE FROM ONE TO THREE FILLERS; WENT TO DUAL SPREADER PLATE AT CABLING; ADDED COLOR SEQUENCE COMMENT	C		4/11/16	DPL
ADDED LEGEND	B		1/28/16	DPL
INITIAL RELEASE	A		1/21/16	DPL
REVISION RECORD				