

RSCC

Aerospace & Defense

Innovation for Demanding Applications

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PROPRIETARY INFORMATION, DO NOT REPRODUCE WITHOUT WRITTEN APPROVAL FROM
RSCC AEROSPACE & DEFENSE

Product Title:

16AWG XLETFE INS
& SH & XLETFE JKT

Drawing Number

DN-10020

COMPONENT I:

CONDUCTOR: 16AWG 19/29 NICKEL PLATED COPPER

INSULATION: IRRADIATED ETFE

INNER LAYER .006" YELLOW / OUTER LAYER .006" WHITE

COMPONENT IDENTIFICATION: YELLOW STRIPE APPLIED HELICALLY AND
SURFACE PRINTED IN BLACK INK "WHT/YEL"

COMPONENT II:

CONDUCTOR: 16AWG 19/29 NICKEL PLATED COPPER

INSULATION: IRRADIATED ETFE

INNER LAYER .006" WHITE / OUTER LAYER .006" YELLOW

COMPONENT IDENTIFICATION: WHITE STRIPE APPLIED HELICALLY AND
SURFACE PRINTED IN BLACK INK "YEL/WHT"

DRAIN: 20AWG 19/32 NICKEL PLATED COPPER

PAIR: COMP I & II & DRAIN TWISTED TOGETHER WITH A 2 INCH L H LAY

SHIELD: 36AWG NICKEL COPPER BRAID - 85% MINIMUM COVERAGE

JACKET: IRRADIATED ETFE (WHITE) - .008 INCH NOMINAL WALL

DIAMETER: .190" NOMINAL

TESTING: PER WC27500 EXCEPT AS MODIFIED BY THIS DRAWING

Phone: (603)-622-3500

Customer:

Drawn By:

Lori Roper

Customer Approval.

Title:

Initial Date: 3/24/10

Fax: (800) 639-5701

Reviewed By:

Kevin Coderre

Signature:

Revision: 0

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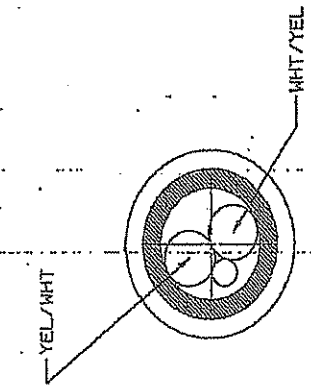
A Marmon Wire & Cable/Berkshire Hathaway Company

DATE	DESCRIPTION	APPROVED
3-8-87	REVISIONS	H.H.
	WIRE COUPLER 2/0 (1) (CRU) WIRE 2 AND 3	

LINKED TEUFZEL INSULATED
AWG NICKEL COPPER.

THK

1. WIRE COMPONENTS CONSIST OF TWO 16 AWG CROSS NICKEL COATED COPPER WIRE, ONE DRAIN WIRE 20 AWG NICKEL COPPER REGULAR 0.1175" CABLE JACKET-THERMOGRAD HT WHITE (CROSS LINKED TEUFZEL) .008 THK Ø.192 MAX.
2. SPECIFICATION-RAYCHEM SPEC 55/MIL-W-22759/41 WEIGHT-34.97 LB/KFT.
3. ELECTRICAL PROPERTIES-1000 VOLTS @ 60hz. FOR ONE MINUTE.
4. COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-881.
5. THIS CABLE TO BE SUPPLIED IN MULTIPLES OF 330 FT ±3/4" ON A REQUIRED SPOOL LENGTH OF 330 FT ±3/4" ON SPOOL IS ALLOWABLE IF LINE ITEM ON P.O. IS LESS THAN 330 FT. ONE SPOOL REQUIRED PER LINE ITEM.
6. WIRE MUST BE MARKED WITH THE COLOR DESIGNATION AS SHOWN EVERY 2.00 INCHES.
7. SPOOL SIZE TO BE: 12 INCHES OR LESS IN DIAMETER. CORE OF 1.00 INCH±.06 DIAMETER.



APPROVED SOURCE(S) OF SUPPLY	
PT. NO.	RAYCHEM 500 CONSTITUTION DR. MENLO PARK, CA. CAGE CODE 06090
001	EPD-RHC-12499

SOURCE CONTROL DRAWING
*ONLY THE ITEM(S) DESCRIBED ON THIS DRAWING WHEN PROCURED FROM THE VENDOR(S) LISTED HEREON IS APPROVED. BY AAP FOR USE IN THIS DRAWING. THE USER SHALL BE RESPONSIBLE FOR NOT BEING USED WITHOUT PRIOR TESTING AND APPROVAL BY AAP.
*IDENTIFICATION OF THE APPROVED SOURCE(S) OF SUPPLY CHECKED BY THE DRAWING ENGINEER AS A GUARANTEE OF PRESENT CORRECTNESS AND TO BE MAINTAINED AS A SOURCE OF SUPPLY FOR THE ITEM DESCRIBED ON THE DRAWING.

PROPRIETARY INFORMATION OF AMETEK AEROSPACE PRODUCTS INC. WILMINGTON, MA. THIS DRAWING CONTAINS PROPRIETARY INFORMATION OF AMETEK AEROSPACE PRODUCTS INC. WILMINGTON, MA. IN PART OR IN WHOLE. REPRODUCTION OR TRANSMISSION OF THIS DRAWING IN ANY FORM OR BY ANY MEANS WITHOUT EXPRESS WRITTEN PERMISSION IS PROHIBITED.

SEE SEPARATE PARTS LIST (FOR ASSEMBLY UNITS ONLY)	ALL WORKS SHIP TO: FIVE STAR INDUSTRIES INC. 1000 S. J. BOVA AVENUE, SUITE 100, CARROLLTON, TX 75006-1100	REVISED BY: J. BOVA	DATE: 12/21/75
REV. REVISIONS	QUANTITY	DESCRIPTION	DATE
1	1	WIRE COUPLER 2/0 (1) (CRU)	3-8-87
2	1	WIRE 2 AND 3	

AMETEK
INDUSTRIAL INSTRUMENTS
CABLE

1941A891
REV. 1
PAGE 1 OF 1



Document # _____ Revision Date: _____ Author: _____

A3008.01

1/26/10

Shaun Fowler

Document title: _____

Customer Approval of Product Specification

RSCC Aerospace & Defense Product Specification Drawing Number	RSCC Aerospace & Defense Product Specification Revision	Quote #	Customer's Drawing or TDP (Technical Data Package) Number	Customer's Drawing or TDP Revision
DN-10020	∅		1941A89	A

An RSCC Aerospace & Defense Product Specification is attached for your review. AS9100 procedures require non-standard products of RSCC Aerospace & Defense to have this customer specification cover sheet signed by the customer prior to manufacture. The RSCC Aerospace & Defense Product Specification Drawing becomes the governing document for this cable. RSCC Aerospace & Defense Engineering Department to "X" one of the boxes below.

- The customer did not provide a drawing or TDP.
- The RSCC Aerospace & Defense Product Specification Drawing listed above complies with all of the requirements of the customer-furnished drawing or TDP listed above.
- The RSCC Aerospace & Defense Product Specification Drawing listed above complies with the requirements of the customer-furnished drawing or TDP listed above with the following exceptions:

RSCC needed clarification on stripe callout from cust drawing.

updated RSCC drawing

Signature of RSCC Aerospace & Defense Engineering Department Representative

Date

Kevin A. Koderre 3/25/10

To be filled out by customer:

"I have reviewed the attached RSCC Aerospace & Defense Product Specification Drawing. As a representative of Ametek, authorized to approve specifications, my signature on this approval signifies

approval of the RSCC Aerospace & Defense Product Specification Drawing listed above:

Signature of Customer's Representative

Date

Mark S. Luce 3/29/2010