

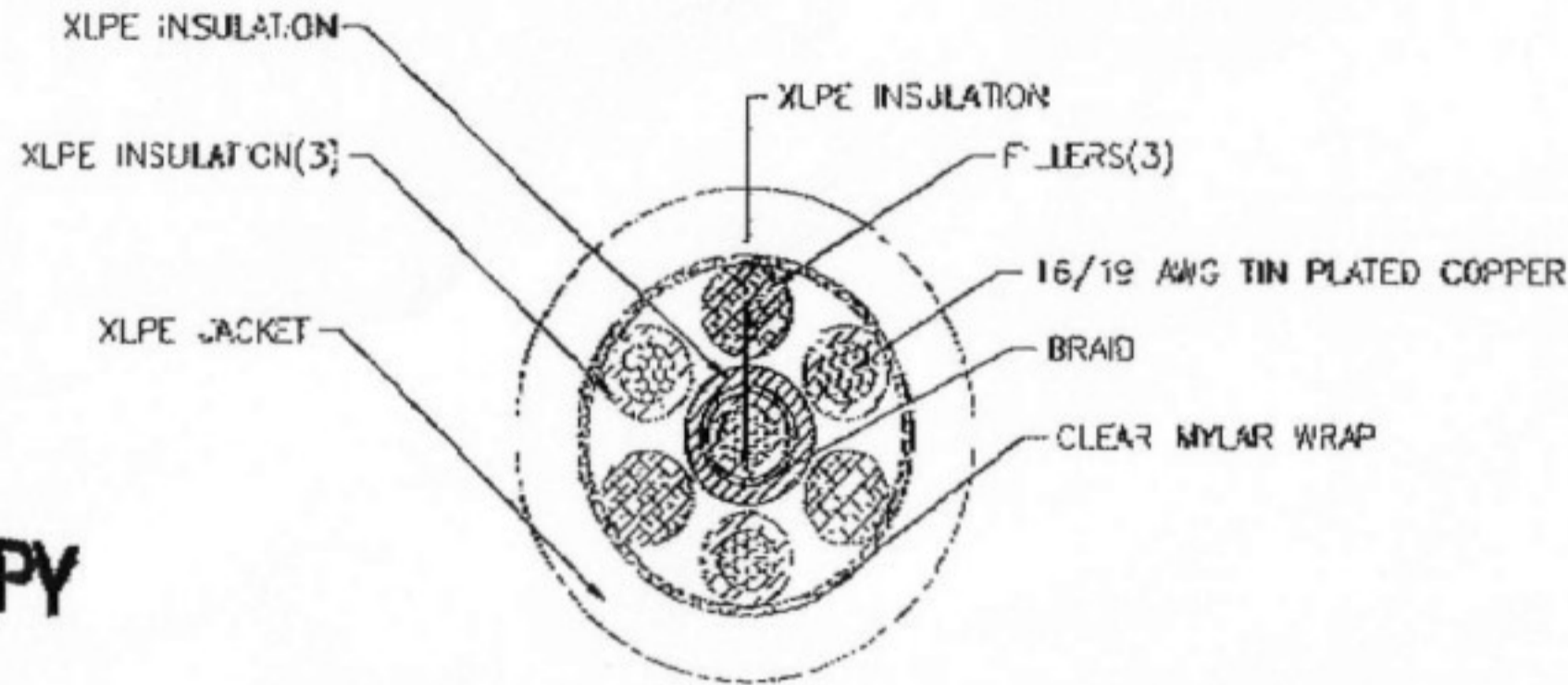
# PRODUCT SPECIFICATION DRAWING

JW 697-99

Title: CABLE, THREE HOOKUP WIRES, ONECOAXIAL

Date: 10/22/99  
Revision:

REFERENCE SPECIFICATIONS	TEMPERATURE RATING	VOLTAGE RATING
UL AWM Style 4312 (Cable)	125 C	300 V



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\* NOTE: Drawing Not To Scale.

CONSTRUCTION DETAILS				
MS#: M05041030603		Print Legend: IRIS SYSTEMS INC, G-328 RU AWM 4312 125 C 300 V VW-1 JUDD WIRE CSA AWM I A/B 125 C 300 V FT1		
<b>Primaries</b>		<b>Finished Cable</b>		
Conductor	Insulation	Binder	Jacket	
	XLPE	Clear Mylar	XLPE	
AWG 16	19/.0117 Tin Copper	1.00 "X .0010"	.0320" (O.D=.395+/- .005)	
<b>Coaxial</b>				
Conductor	Dielectric	Shield	Jacket	
	XLPE	Braid(90%)	XLPE	
AWG 16	19/.0117 Tin Copper	AWG 36 Tin Plated Copper	.0817" (.1430" +/- .002")	

**JUDD WIRE, INC.**  
124 Turnpike Road  
Turners Falls, MA 01376  
Tel. (413) 863-4357

Drawn By: *M. Alameh*  
Date: 10/22/99

Reviewed By: *E. C. Jackson*  
Date: 10/22/99

Page: 1 of 1  
File: 697-99.DOC

1.1 COMPONENT A

1.2 CONDUCTOR

Material: Tin Plated Copper  
Construction: 16 AWG 19/0.117  
Diameter: 0.056" nom

1.3 INSULATION

Material: Crosslinked Polyolefin  
Wall thickness: 0.027" nom  
Diameter: 0.110" nom  
Color: White

1.4 BRAID SHIELD

Material: 36 AWG Tin Plated Copper  
Coverage: 90% min

1.5 INNER JACKET

Material: Crosslinked Polyolefin  
Wall thickness: 0.017" nom  
Diameter: 0.154" nom  
Color: Black

2.0 COMPONENT B

2.1 CONDUCTOR

Material: Tin Plated Copper  
Construction: 16 AWG 19/0.117  
Diameter: 0.056" nom

2.2 INSULATION

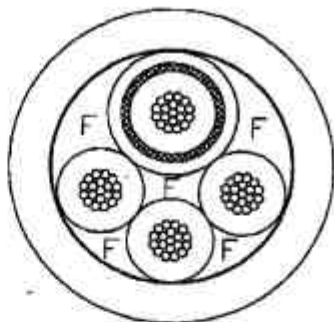
Material: Crosslinked Polyolefin  
Wall thickness: 0.027" nom  
Diameter: 0.110" nom  
Color: Black, Red, Green

3.0 CABLE

# of Items: (1) Coax, (3) Singles and fillers  
Lay: Left Hand  
Diameter: 0.305" nom

4.0 BINDER

Lay: Right Hand  
Material: 0.001" polyester tape  
Overlap: 25% min  
Diameter: 0.308" nom



6.0 JACKET

Material: Crosslinked Polyolefin  
Wall thickness: 0.052" nom  
Diameter: 0.412" nom  
Color: Blue  
Marking: IRIS SYSTEMS INC. C-328 (UL) PLTC OR  
ITC 300V 4C 16 AWG 125C JUDD WIRE CSA AWM  
VII AB 125C 300V FT4

6.0 PHYSICAL CHARACTERISTICS

Temperature rating: 125°C  
Voltage rating: 300 Volt  
Weight: 102 lbs per 1000 ft. nom

VIRIS-C328



JUDD WIRE INC.  
124 Turnpike Road  
Turners Falls, MA 01376  
(413) 863-4357

Drawing				
Date	Rev	By	App'd	ECN #
10/17/03	—	OSM	MTG	—
02/23/05	A	E.H.	OT	05 080

Specification Number:

M00222

Customer Approval

Page:

1  
of  
1