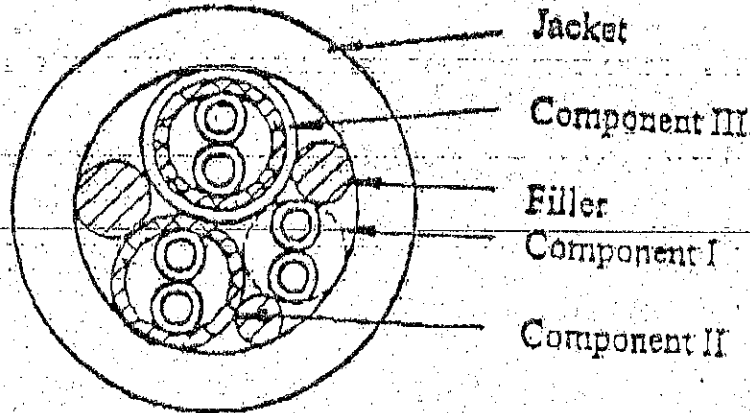


6 CONDUCTOR COMPOSITE CABLE, XLPO JACKETED



IMPERIAL WIRE & CABLE CO. INC.  
 P.O. BOX 2125  
 WARMINSTER, PA 18974-0013  
 NEWFORM, PA 18940-0277

**CONSTRUCTION:**

|            |                       |   | NOMINAL DIAMETER<br>Inches |
|------------|-----------------------|---|----------------------------|
| <b>1.0</b> | <b>COMPONENT I:</b>   | <b>1 REQUIRED</b>   |                            |
| 1.1        | Conductor:            | #24 AWG-19/36 silver plated alloy   |                            |
| 1.2        | Insulation:           | Dual Layer polyalkene/kynar in accordance with Mil-W-81044/13, latest revision. | 0.023"                     |
| 1.3        | Twist:                | Conductors are twisted together with a nominal 1.0" left hand lay.              | 0.040"                     |
| 1.4        | Color Code:           | White, Green*   | 0.080"                     |
|            |                       | *Note: Printing to Mil-W-84011/13 is not required.                              |                            |
| <b>2.0</b> | <b>COMPONENT II:</b>  | <b>1 REQUIRED</b>   |                            |
| 2.1        | Conductor:            | #24 AWG 18/36 SILVER PLATED ALLOY   |                            |
| 2.2        | Insulation:           | Dual Layer polyalkene/kynar in accordance with Mil-W-81044/13, latest revision. | 0.023"                     |
| 2.3        | Twist:                | Conductors are twisted together with a nominal 1.0" left hand lay.              | 0.040"                     |
| 2.4        | Color Code:           | Red, Blue*  | 0.080"                     |
|            |                       | *Note: Printing to Mil-W-84011/13 is not required.                              |                            |
| 2.5        | Shield:               | #38 AWG Tinned Copper braid shield, minimum 85% coverage.                       | 0.102"                     |
| <b>3.0</b> | <b>COMPONENT III:</b> | <b>1 REQUIRED</b>   |                            |
| 3.1        | Conductor:            | #24 AWG 18/36 SILVER PLATED ALLOY   |                            |
| 3.2        | Insulation:           | Dual Layer polyalkene/kynar in accordance with Mil-W-81044/13, latest revision. | 0.023"                     |
| 3.3        | Twist:                | Conductors are twisted together with a nominal 1.0" left hand lay.              | 0.040"                     |
| 3.4        | Color Code:           | Black, Yellow*  | 0.080"                     |
|            |                       | *Note: Printing to Mil-W-84011/13 is not required.                              |                            |
| 3.5        | Shield:               | #38 AWG Tinned Copper braid shield, minimum 85% coverage.                       | 0.102"                     |
| 3.6        | Jacket:               | Irradiation cross-linked Kynar, <u>COLOR WHITE</u><br>Nominal .008" thickness.  | 0.120"                     |

|   |   |                            |                   |                           |
|---|---|----------------------------|-------------------|---------------------------|
| <p>ROCKBESTOS<br/>SURPRENANT<br/>CORPORATION<br/>INSULATED WIRE AND CABLE</p> | Phone: (800) 442-3792<br>Fax: (570) 365-2054<br>LU24350 | Drawn By:<br>D.CLOUGH      | Date:<br>12/17/98 | Page:<br>1 of 2           |
|   |   | Reviewed By:<br>B.ERICKSON | Revision:         | DWG Number:<br>TO-1030091 |

CONDUCTOR COMPOSITE CABLE, XLPO JACKETED

4.0 CABLE:

4.1 Core:

Components I, II, and III are cabled together with a nominal 2.5" left hand lay.

4.2 Blinder:

Open Nylon Blinder thread applied right hand lay.

0.220"

4.3 Filler:

Flame-Retardant Polypropylene fillers may be used as necessary for roundness.

5.0 JACKET:

Irradiation cross-linked polyolefin, color black  
Minimum .038" thickness

6.0 MARKING:

NA

0.310" +/- 0.015"

7.0 NOMINAL WEIGHT:

51.27 lbs/1000 ft approximate

8.0 TEST REQUIREMENTS:

8.1 JACKET FLAW:

3.0 KV (RMS)

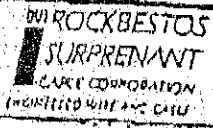
8.2 Dielectric Withstand:

1.0 KV for 1 minute cond-cond & shield

0.5 KV for 1 minute shield-shield

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|   |                       |              |           |             |
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|  | Phone: (800) 444-3772 | Drawn By:    | Date:     | Page:       |
|   | Fax: (878) 385-4054   | D. CLOUGH    | 12/17/98  | 2 of 2      |
| LU24350   |                       | Reviewed By: | Revision: | OWC Number: |
|   |                       | B. ERICKSON  |           | 10.00001    |