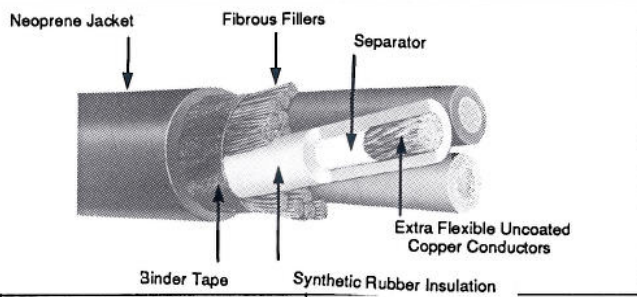


## ROME NAVY SHIPBOARD CABLE, MIL-C-915

Power and Lighting, Flexing Service, 600 Volts  
Type THOF

| <p><b>APPLICATION:</b> Power and lighting circuits for naval ships and shore stations. Cables are non-watertight and are designed for flexing service.</p> <p><b>STANDARDS:</b> Meets requirements of Military Specifications MIL-C-915F and Specification Sheet MIL-C-915/6.</p> <p><b>CONSTRUCTION:</b> Type THOF - three extra flexible uncoated copper conductors, separator tape, synthetic rubber insulation, color coded, conductors twisted with fibrous fillers, suitable binder tape over assembly, neoprene jacket, surface printed.</p> |                   |                            |                                    |  |       |                              |                       |
|---|-------------------|----------------------------|------------------------------------|--|-------|------------------------------|-----------------------|
| Navy Type No.   | Number of Strands | Nominal Area Circular Mils | Approx. Dia. Over Conductor Inches | Overall Diameter Inches  |       | Approx. Net Wt. Lb./1000 Ft. | Package (Ft.) NR Reel |
|   |                   |                            |                                    | Min.   | Max.  |                              |                       |
| <b>TYPE THOF - THREE CONDUCTOR, HEAT AND OIL RESISTANT, FLEXIBLE CABLE</b>  |                   |                            |                                    |  |       |                              |                       |
| THOF-400  | 2052              | 413 500                    | .850                               | 2.680  | 2.800 | 6050                         | 500                   |
| THOF-500  | 5054              | 505 400                    | .960                               | 2.920  | 3.100 | 7660                         | 500                   |

Information on this sheet subject to change without notice.

## Specification

### ROME NAVY SHIPBOARD CABLE, MIL-C-915

#### Type THOF

##### 1. SCOPE

- 1.1 This specification describes 600 volt flexible heat and oil resistant three conductor cables intended for power and lighting circuits for naval ships and shore stations. Cables are known as Type THOF per MIL-C-915F.

##### 2. STANDARDS

- 2.1 The following specification shall form a part of this specification:
  - 2.1.1 MIL-C-915F "General Specification for Cable and Cord, Electrical, for Shipboard Use" and Specification Sheet MIL-C-915/6.

##### 3. CONDUCTORS

- 3.1 Type THOF cables shall be Navy Standard Size 400 and 500 kcmil, uncoated soft copper in accordance with MIL-C-915F and Specification Sheet MIL-C-915/6.

##### 4. SEPARATOR

- 4.1 A suitable separator approved by the Navy shall be applied over each conductor.

##### 5. INSULATION

- 5.1 Each conductor shall be insulated with a synthetic rubber compound approved by the Navy. Thickness of insulation shall be as specified in Specification Sheet MIL-C-915/6.

##### 6. CIRCUIT IDENTIFICATION

- 6.1 The insulated conductors shall be identified in accordance with the Standard Identification Code in MIL-C-915F, applied by Method 3 or 4. A colored rubber filled cotton tape may be used.

##### 7. ASSEMBLY

- 7.1 The insulated color coded conductors shall be cabled together with a lay not greater than specified in Specification Sheet MIL-C-915/6. Fibrous fillers shall be used in the valleys to form a round cable. The assembly shall be covered with a binder tape approved by the Navy.

##### 8. JACKET

- 8.1 A Neoprene jacket of a compound approved by the Navy shall be applied over the assembly. The thickness of the jacket shall be as necessary to meet the overall diameter limits specified in Specification Sheet MIL-C-915/6.

##### 9. TESTS

- 9.1 Cables shall be tested for compliance with the requirements for Type THOF cables in MIL-C-915F and Specification Sheet MIL-C-915/6.