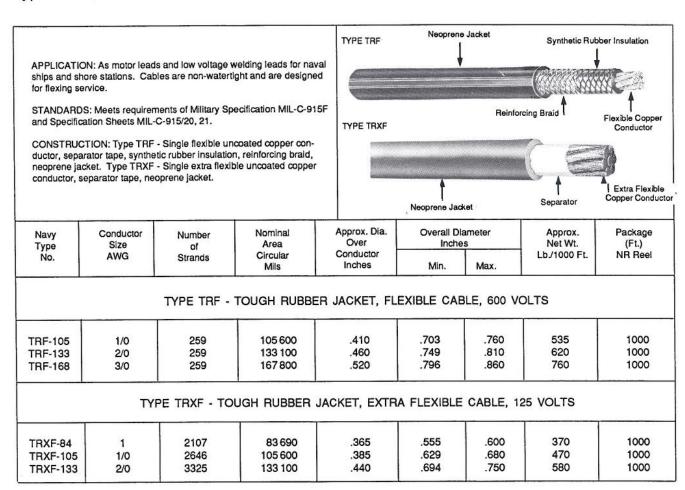


# ROME NAVY SHIPBOARD CABLE, MIL-C-915

# Special Purpose Power and Welding Leads Types TRF, TRXF



Information on this sheet subject to change without notice.



# Specification

# ROME NAVY SHIPBOARD CABLE, MIL-C-915

# Types TRF, TRXF

#### 1. SCOPE

1.1 This specification describes a single conductor 600 volt special purpose power cable and an extra flexible 125 volt welding cable for use as motor leads and low voltage welding leads for naval ships and shore stations. Cables are known as Types TRF and TRXF 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 Sheets MIL-C-915/20 and MIL-C-915/21.

#### 3. CONDUCTORS

3.1 Type TRF cables shall be conductor sizes 1/0-3/0 AWG, Type TRXF cables shall be conductor sizes 1-2/0 AWG, uncoated soft copper in accordance with MIL-C-915F and Specification Sheets MIL-C-915/20 and 21.

#### 4. SEPARATOR

4.1 A suitable separator shall be applied over each conductor.

#### 5. INSULATION

5.1 Each type TRF conductor shall be insulated with a synthetic rubber compound meeting the requirements of MIL-C-915F and Specification Sheet MIL-C-915/20. Nominal thickness of insulation shall be 0.075 inch. A reinforcement serve shall be applied over the insulation.

#### 6. JACKET

- 6.1 Each Type TRF cable shall be jacketed with Neoprene meeting the requirements of MIL-C-915F and Specification Sheet MIL-C-915/20. The jacket shall be bonded to the underlying insulation. Thickness of jacket shall be as necessary to meet the maximum overall diameter specified in Specification Sheet MIL-C-915/20.
- 6.2 Each Type TRXF cable shall be jacketed with Neoprene meeting the requirements of MIL-C-915F and Specification Sheet MIL-C-915/21. Thickness of jacket shall be as necessary to meet the maximum overall diameter specified in Specification Sheet MIL-C-915/21.

#### 7. TESTS

7.1 Cables shall be tested for compliance with the requirements for Type TRF and Type TRXF cables in MIL-C-915F and Specification Sheets MIL-C-915/20 and 21.