

ROME NAVY SHIPBOARD CABLE, MIL-C-915

Special Purpose Aircraft Servicing Cable, 600 Volts Type CVSF

<p>APPLICATION: Special flexible aircraft servicing cable for use aboard naval aircraft carriers and at shore stations.</p> <p>STANDARDS: Meets requirements of Military Specification MIL-C-915F and Specification Sheet MIL-C-915/1.</p> <p>CONSTRUCTION: Three size 3 AWG power conductors consisting of flexible stranded uncoated copper, separator tape, color coded synthetic rubber insulation, cabled together with one uninsulated size 5 AWG flexible stranded uncoated copper ground wire in one valley, fibrous fillers, suitable binder tape over assembly, neoprene jacket overall.</p>									
Navy Type No.	Number of Conductors	Conductor Size AWG	Number of Strands	Nominal Area Circular Mills	Approx. Dia. Over Conductor Inches	Overall Diameter Inches		Approx. Net Wt. Lb./1000 Ft.	Package (Ft.) NR Reel
						Min.	Max.		
TYPE CVSF - COMBINATION, AIRCRAFT CARRIER, SPECIAL PURPOSE, FLEXIBLE CABLE									
CVSF-4	3	3	532	52620	.297	1.341	1.450	1260	1000
	1	5	336	33090	.218				

Information on this sheet subject to change without notice.

Specification

ROME NAVY SHIPBOARD CABLE, MIL-C-915

Type CVSF

1. SCOPE

- 1.1 This specification describes a special four conductor flexible aircraft servicing cable rated 600 volts, for use aboard naval aircraft carriers and at shore stations, known as Type CVSF-4.

2. STANDARD

- 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-915/1.

3. CONDUCTORS

- 3.1 Three conductors shall be size 3 AWG 532 strand uncoated soft copper and one conductor shall be size 5 AWG 336 strand uncoated copper in accordance with MIL-C-915F and Specification Sheet MIL-C-915/1.

4. SEPARATOR

- 4.1 A suitable separator approved by the Navy shall be applied over the three size 3 AWG conductors.

5. INSULATION

- 5.1 The three size 3 AWG conductors shall be insulated with a 0.070 inch minimum wall thickness of a synthetic rubber insulation compound approved by the Navy.

6. CIRCUIT IDENTIFICATION

- 6.1 The three insulated conductors shall be identified in accordance with the Standard Identification Code in MIL-C-915F applied by Method 3.

7. ASSEMBLY

- 7.1 Three insulated conductors shall be cabled with a lay not greater than 14 inches. The uninsulated Size 5 AWG conductor shall be placed in one valley. Fibrous fillers shall be used in all 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 nominal thickness of the jacket shall be 0.125 inch.

9. TESTS

- 9.1 Cables shall be tested for compliance with the requirements for Type CVSF-4 in MIL-C-915F and Specification Sheet MIL-C-915/1.