

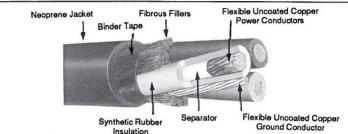
ROME NAVY SHIPBOARD CABLE, MIL-C-915

Special Purpose Aircraft Servicing Cable, 600 Volts Type CVSF

APPLICATION: Special flexible aircraft servicing cable for use aboard naval aircraft carriers and at shore stations.

STANDARDS: Meets requirements of Military Specification MIL-C-915F and Specification Sheet MIL-C-915/1.

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, sultable binder tape over assembly, neoprene jacket overall



overall,					modation.				
Navy Type No.	Number of Conductors	Conductor Size AWG	Number of Strands	Nominal Area Circular Mils	Approx. Dia. Over Conductor Inches	Overall Diameter Inches		Approx. Net Wt.	Package
						Min.	Max.	Lb./1000 Ft.	(Ft.) NR Reel
	TYPE (VSF - COME	INATION, AI	RCRAFT CA	RRIER, SPECIA	AL PURPOSI	E, FLEXIBLE	CABLE	
	,	3	532	52620	.297				
CVSF-4	9		002	OLOLO	.207	1.341	1.450	1260	1000

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-C915F 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 piaced 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.