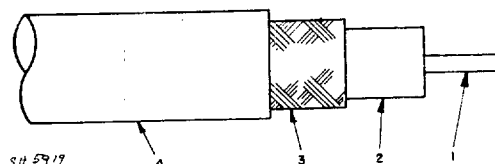


MIL-C-23020/1A(EC)
 3 June 1968
 SUPERSEDING
 MIL-C-23020/1(SHIPS)
 12 April 1965

MILITARY SPECIFICATION SHEET

CABLE, COAXIAL (FOR SUBMARINE USE) TYPE RG-293A/U

The complete requirements for procuring cable described herein shall consist of this document and the latest issue of MIL-C-23020(SHIPS).



Description

- (1) Inner conductor
- (2) Cable core
- (3) Outer conductor

Ⓐ

- (4) Jacket

Ⓐ

Constructional details

Bare copper wire 0.106 ± 0.001 inch.

Solid type A - Overall diameter 0.370 ± 0.010 .

Single braid, AWG size 36, 5 percent silver covered copper wire 0.410-inch maximum.

Braid tension - 1.5 pounds minimum.

Carriers	24
Ends	10
Picks/inch	11.6 ± 10 percent

Type IIIA of MIL-C-17. Overall diameter 0.545 ± 0.010 inch. Jacket thickness 0.055 inch minimum. Other jacket materials may be used provided all other requirements, including non-contamination, and is colored black for protection against ultraviolet radiation (see MIL-C-17). A tape may be applied under the jacket, if desired.

Ⓐ Denotes changes

FSC 6145

MIL-C-23020/1A(EC)

Requirements

Dielectric strength	- 12,000 volts r.m.s., minimum.
Corona	- 7,000 volts r.m.s., minimum.
Attenuation	- 4 db/100 ft. maximum at 400 mc. 15 db/100 ft. maximum at 3000 mc.
Impedance	- 50 ± 2 ohms.
Hydrostatic test:	
Fitting	- MX-2327/U (Drawing REC49366)
Leakage	- "0" cubic inch.
Pressure	- 1000 p.s.i.
Duration	- 2 hours.
Abrasion	- 500 revolutions

Preparing activity:
Navy - EC
(Project 6145-N036)