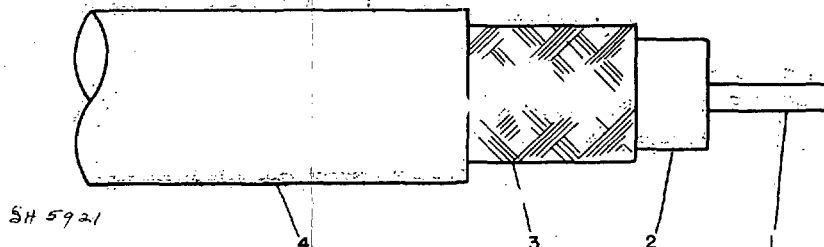


MIL-C-23020/3(SHIPS)  
12 April 1965

## MILITARY SPECIFICATION SHEET

## CABLE, COAXIAL (SUBMARINE USE) TYPE RG-295/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) Center conductor
- (2) Cable core
- (3) Outer conductor
- (4) Jacket

Constructional details

Bare copper wire - Overall diameter  $0.195 \pm 0.002$ .

Solid type A - Overall diameter  $0.680 \pm 0.010$   
conductor off-center 5 percent of core radius,  
maximum.

Single braid, AWG size 34 silver plated (5 percent)  
copper wire, overall diameter, 0.725 inch max.

<u>Carriers</u>	<u>Ends</u>	<u>Picks/inch</u>
48	11	$6.4 \pm 10$ percent

Type IIIA of MIL-C-17 - Overall diameter 0.895  
 $\pm 0.015$  minimum jacket thickness 0.060 inch.  
(Other jacket materials may be used provided  
the cable meets all other requirements, including  
noncontamination, and is colored black for pro-  
tection against ultraviolet radiation (see MIL-C-17).  
A tape may be applied under the jacket, if desired.

FSC 6145

MIL-C-23020/3(SHIPS)

Requirements

Dielectric strength	- 22000 volts rms.
Corona	- 11000 volts rms.
Attenuation	- 3 db/100 ft. maximum at 400 mc. 12.5 db/100 ft. maximum at 3000 mc.
Impedance	- $50 \pm 2$ ohms.
Hydrostatic test:	
Fitting	- MX2326/U (Drawing REC49336).
Leakage	- "0" cubic inch.
Pressure	- 1000 p.s.i.
Duration	- 2 hours.
Abrasion	- 500 revolutions.

Preparing activity:  
Navy - SH  
(Project 6145-N157Sh)