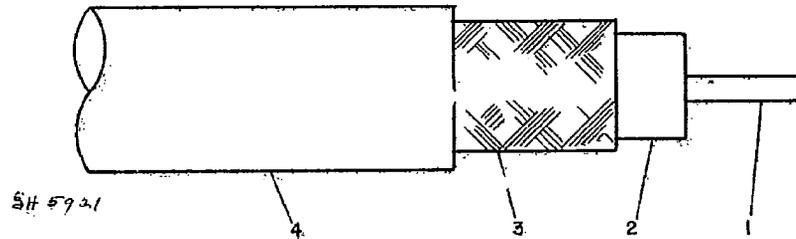


MILITARY SPECIFICATION SHEET

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).



<u>Description</u>	<u>Constructional details</u>						
(1) Center conductor	Bare copper wire - Overall diameter 0.195 ± 0.002 .						
(2) Cable core	Solid type A - Overall diameter 0.680 ± 0.010 . conductor off-center 5 percent of core radius, maximum.						
(3) Outer conductor	Single braid, AWG size 34 silver plated (5 percent) copper wire, overall diameter, 0.725 inch max.						
	<table border="0"> <thead> <tr> <th style="text-align: center;"><u>Carriers</u></th> <th style="text-align: center;"><u>Ends</u></th> <th style="text-align: center;"><u>Picks/inch</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">48</td> <td style="text-align: center;">11</td> <td style="text-align: center;">6.4 ± 10 percent</td> </tr> </tbody> </table>	<u>Carriers</u>	<u>Ends</u>	<u>Picks/inch</u>	48	11	6.4 ± 10 percent
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48	11	6.4 ± 10 percent					
(4) Jacket	Type IIIA of MIL-C-17 - Overall diameter 0.895 ± 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 protection against ultraviolet radiation (see MIL-C-17). A tape may be applied under the jacket, if desired.						

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 ± 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)