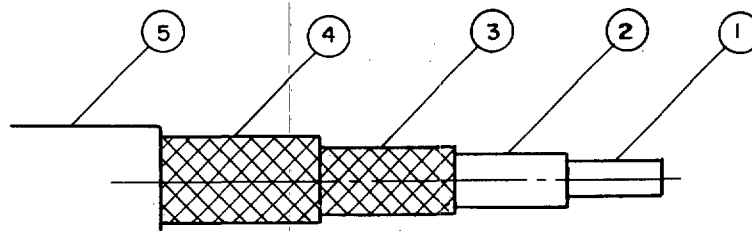


MIL-C-23020/6(SHIPS)
12 April 1965

MILITARY SPECIFICATION SHEET

CABLE, COAXIAL (SUBMARINE USE) TYPE RG-14A/U(USN)

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



SH. 7347

<u>Description</u>	<u>Constructional details</u>
(1) Inner conductor	Bare copper wire AWG size 10, nominal diameter 0.102 inch.
(2) Cable core	Solid, type A. Overall diameter 0.370 ± 0.013 inch.
(3) Outer conductor (inner braid)	Double braid, AWG size 33 bare copper wire. Carriers - 24 Ends - 10 Picks/inch - 5.4 ± 10 percent
(4) Outer conductor (outer braid)	Double braid, AWG size 33 bare copper wire, overall diameter 0.463 inch maximum. Carriers - 24 Ends - 8 Picks/inch - 10.6 ± 10 percent.
(5) Jacket	Type IIa of MIL-C-17. Overall diameter 0.545 ± 0.013 inch.

FSC 6145

MIL-C-23020/6(SHIPS)

Requirements

Flow	- 39 pounds.
Dielectric strength	- 12,000 volts r.m.s., minimum.
Corona	- 7,000 volts r.m.s., minimum.
Attenuation	- 4.3 db/100 ft. maximum at 400 mc. 14.0 db/100 ft. maximum at 3,000 mc.
Impedance	- 52 ± 2.5 ohms.

Tests

Hydrostatic leakage and abrasion tests are not required.

Preparing activity:
Navy - SH
(Project 6145-N160Sh)