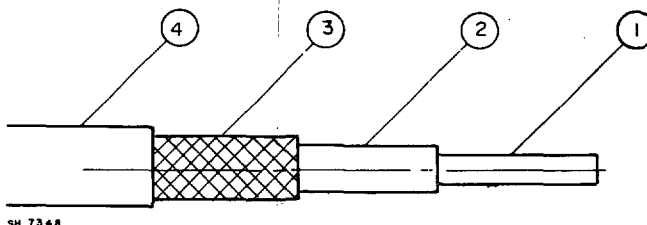


MIL-C-23020/7B(EC)
 3 June 1968
 SUPERSEDING
 MIL-C-23020/7A(SHIPS)
 20 June 1966

MILITARY SPECIFICATION SHEET

CABLE, COAXIAL (SUBMARINE USE) TYPE RG-17A/U(USN)

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, nominal diameter 0.188 inch.

Solid, type A. Overall diameter 0.680
 0.015 inch. Conductor off center 5 percent of core
 radius, maximum.

Single braid, AWG size 30 bare copper wire. Overall
 diameter 0.760 inch maximum.

	Alternate	Alternate
Carriers - 24	36	48
Ends - 14	9	
Picks/inch - 3.1 ± 10 percent	4.0 ± 10 percent	5.6 ± 10 percent

Type IIa of MIL-C-17. Overall diameter $0.870 \pm$
 0.015 inch.

Requirements

Dielectric strength	-	22,000 volts, r.m.s., minimum.
Corona	-	11,000 volts r.m.s., minimum.
Attenuation	-	2.8 db/100 ft. maximum at 400 mc. 11.0 db/100 ft. maximum at 3,000 mc.
Impedance	-	52 ± 2 ohms.

Tests

Hydrostatic leakage and abrasion tests are not required.

Preparing activity:
 Navy - EC
 (Project 6145-N054)

Ⓑ Denotes change.

FSC 6145