

MIL-C-17/90A
~~9 October 1979~~
SUPERSEDING
MIL-C-17/90
28 February 1958

MILITARY SPECIFICATION SHEET
CABLES, RADIO FREQUENCY, COAXIAL,
93 OHMS, M17/90-R671

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the cables described herein shall consist of this document and the latest issue of Specification MIL-C-17.

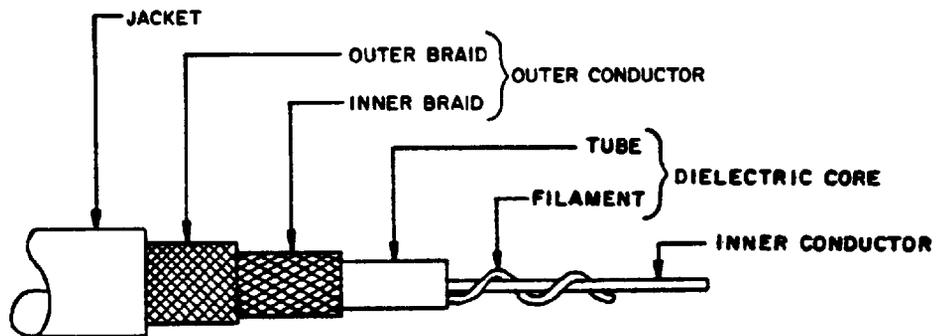


FIGURE 1. Configuration.

Electrical:

Test frequency: 50 MHz to 1 GHz.
 Spark test: 5,000 Vrms, +25%, -0%.
 Voltage withstanding: 3,000 Vrms, minimum.
 Insulation resistance: Not applicable.
 Corona extinction voltage: Not applicable.
 Characteristic impedance: 93 ohms \pm 5.
 Attenuation: 8.0 dB per 100 feet at 400 MHz.
 Structural return loss: Not applicable.
 Capacitance: 14.5 pF per foot, maximum.
 Capacitance stability: \pm 1.5 percent.
 Capacitance unbalance: Not applicable.
 Transmission unbalance: Not applicable.
 Mechanically induced noise voltage: Not applicable.
 Time delay: Not applicable.

Part number: See table II.

Supersession data: See table II.

TABLE II. Cross reference of part number.

Part number	Superseded part number or type designation
M17/90-RG71	RG71B/U

NOTE: Revision letters are not used to denote changes due to the extensiveness of the changes.

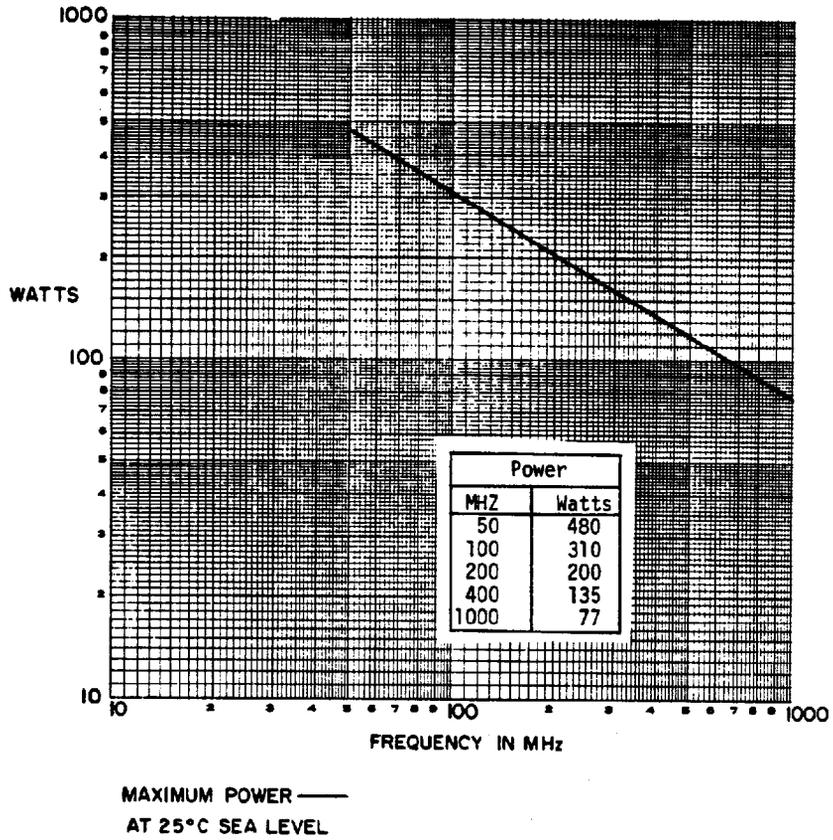


FIGURE 2. Power rating

Custodians:

Army - CR
Navy - EC
Air Force - 85

Review activities:

Army - MI
Navy - SH
Air Force - 11, 17, 99
DLA - ES, IS

User activities:

Army - ME, AT, AR
Navy - AS, OS, MC
Air Force - 19

Preparing activity:

Army - CR

Agent:

DLA - ES

(Project 6145-0716-9)