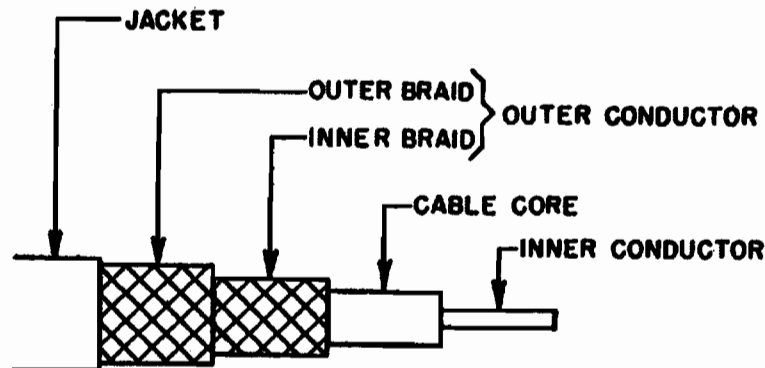


7 SEPTEMBER 1955**MILITARY SPECIFICATION SHEET****CABLE, RADIO FREQUENCY, COAXIAL, RG-9B/U**

This specification sheet forms a part of the latest issue of Military Specification MIL-C-17.



DESCRIPTION	CONSTRUCTIONAL DETAILS
Inner conductor	Seven strands of silver-covered copper wire. Diameter/strand, .0296±.0005 inch. Overall diameter, .089±.001 inch.
Cable core	Solid, type A. Overall diameter, .285±.007 inch.
Outer conductor:	Double braid, AWG size 34 silver-covered copper wire. Overall diameter, .360 inch maximum.
Inner braid	Carriers..... 24 Ends..... 6 Picks/inch..... 16.6, ±10 percent
Outer braid	Carriers..... 24 Ends..... 7 Picks/inch..... 15.4, ±10 percent
Jacket	Type IIa, tubed on with minimum penetration into braid. Overall diameter, .425±.007 inch.

REQUIREMENTS:

1. Flow..... 24 pounds.
2. Dielectric strength..... 10,000 volts rms, minimum.
3. Corona..... 5,000 volts rms, minimum.
4. Attenuation..... 5.5 db/100 ft maximum at 400 mc.
19 db/100 ft maximum at 3,000 mc.
5. Attenuation and corona stability..... 4.8 db/100 ft maximum change at 10,000 mc.
6. Impedance..... 50±2 ohms.
7. Uniformity of impedance applicable.