

INCH-POUND

MIL-C-17/151  
AMENDMENT 4  
23 May 2002  
SUPERSEDING  
AMENDMENT 3  
21 September 1992

MILITARY SPECIFICATION SHEET

CABLES, RADIO FREQUENCY, COAXIAL, 0.047 INCH DIAMETER,  
SEMIRIGID, 50 OHMS, M17/151-00001 AND M17/151-00002

This amendment forms a part of MIL-C-17/151, dated 9 October 1979, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

TABLE I, description, add the following note to table: "NOTE: Use of recrystallized welded outer conductor is optional."

\* TABLE I, description, under outer conductor for M17/151-00002, delete and substitute: "Seamless copper tubing tin-plated in accordance with ASTM B545, .0003 inch thick, minimum. Diameter .047 inch +.002, -.001 (the outer diameter dimension is after plating)."

PAGE 2

Engineering Information, engineering notes, delete and substitute:

"Engineering notes: This cable is useful in critical RF performance applications (see connector series SMA, SMB and TNC in accordance with MIL-PRF-39012). This cable is generally manufactured in 20 foot lengths. Different lengths are available."

Requirements, environmental and mechanical, adhesion of conductors, delete and substitute:

"Adhesion of conductors:

Inner conductor to core: 2 pounds minimum; 10 pounds maximum.  
Outer conductor to core: 2 pounds minimum."

Requirements, outer conductor integrity, add "+175°C for recrystallized welded outer conductor cable."

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The margins of this amendment are marked with an asterisk to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous amendment.

CONCLUDING MATERIAL

Custodians:

Army - CR  
Navy - EC  
Air Force - 11  
DLA - CC

Preparing activity:

DLA - CC

(Project 6145-2315-03)

Review activities:

Army - AR, AT, CR4, MI  
Navy - AS, MC, OS, SH  
Air Force - 19, 99  
DLA - IS