

MIL-C-3643A
AMENDMENT 3
11 August 1972
SUPERSEDING
AMENDMENT 2
8 October 1965

MILITARY SPECIFICATION
CONNECTORS, COAXIAL, RADIO FREQUENCY,
SERIES HN, AND ASSOCIATED FITTINGS,
GENERAL SPECIFICATION FOR

This amendment forms a part of Military Specification MIL-C-3643A, dated 21 February 1961, and is mandatory for use by all Departments and Agencies of the Department of Defense.

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- * Under preamble insert:

INACTIVE FOR NEW DESIGN. NO SUPERSEDING DOCUMENT.
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- * TABLE III, in "Requirement paragraph" column following "Assembly and rotation": Delete "3.3.5.1" and substitute "3.3.5."

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Paragraph 4.6.1.1.1.1: Delete and substitute:

"4.6.1.1.1.1 Test 1. A pin of .058 inch maximum diameter inserted to a depth of 3/32 inch shall make contact with all four contact members. A pin of .084 inch minimum diameter shall be inserted into the center contact to a depth of not less than 3/16 inch, and then removed. When contacts are fixed in such a manner that removal for this test is not possible, the test pin shall be .072 inch minimum diameter in lieu of .084 inch."

Paragraph 4.6.1.1.1.2, line 2: Delete "0.065" and substitute "0.062."

Paragraph 4.6.1.1.1.3: Delete and substitute:

"4.6.1.1.1.3 Test 3. When a pin of 0.065 inch minimum diameter is inserted to a minimum depth of 3/16 inch, a .120 inch diameter contact shall pass through a hole of 0.122 inch maximum diameter, and a .131 inch diameter contact shall pass through a hole of .133 inch maximum diameter and 1/2 inch minimum length, when a maximum force of 2 pounds is applied. This test shall be applied only to those connectors with removable female contacts."

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At the end of paragraph 6.3, add the following new paragraph and table V:

"6.4 Cross reference. Table V provides a cross reference of the connector and armor-clamp combinations which produce connectors for use with armored cables."

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" TABLE V. Cross reference of connectors and armor-clamp combinations.

Connector w/o clamp		Clamp	
Type	Covered by detail spec and ships dwg No.	Type	Covered by ships dwg and MS std No., as applicable
UG-59E/U	MIL-C-3643/1 REB49227	} MX-1286/U	} REB49045 MS90277-1
UG-60E/U	MIL-C-3643/2 REB49224		
UG-61E/U	MIL-C-3643/3 REB49228		
UG-494B/U	MIL-C-3643/7 REB49217	MX-1462/U	REB49048
UG-495D/U	MIL-C-3643/8 REB49031	MX-1441/U	REB49047

NOTE 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.

Custodians.
Army - EL
Navy - EC
Air Force - 80

Review activities:
Army - MI, EL, SL
Navy - AS
Air Force - 80
DSA - ES

User activities:
Army - AT, MU, WC
Navy - SH

Preparing activity
Army - EL

Agent:
DSA - ES

(Project 5935-1835)