

INCH-POUND
MIL-A-22641/19A
28 January 2013
SUPERSEDING
MIL-A-22641/19
2 May 1972

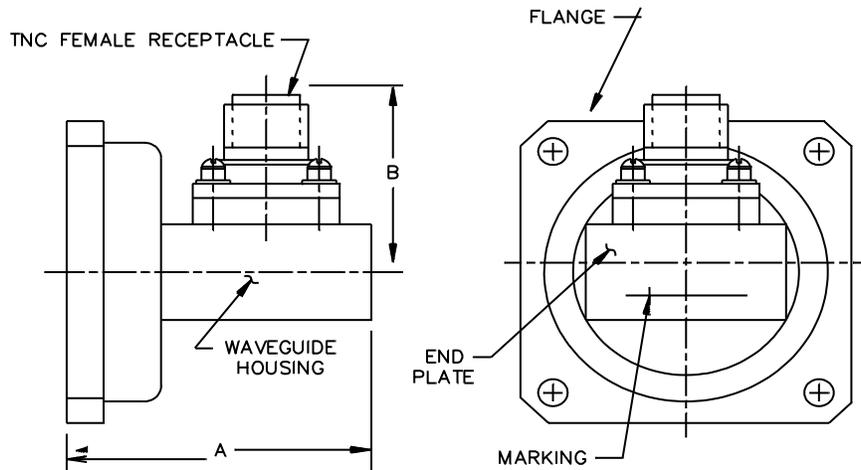
MILITARY SPECIFICATION SHEET

ADAPTERS, COAXIAL TO WAVEGUIDE
(TNC TO WAVEGUIDE - CLASS 4)

INACTIVE FOR NEW DESIGN
AFTER 8 MAY 1998

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

The requirements for acquiring the antenna described herein shall consist of this specification sheet and MIL-DTL-22641.



A Maximum	B Maximum
1.093 (27.76)	1.50 (38.10mm)

NOTES:

1. Dimensions are in inches.
2. Metric equivalents (to the nearest .01mm) are given for general information only and are based upon 1.00 inch = 25.4 mm.

FIGURE 1. Dimensions and configuration.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

TNC female receptacle: In accordance with MIL-PRF-39012/29.

Frequency range 8.20 to 12.40 GHz

VSWR:

Over entire frequency range 1.25

Over 50 percent frequency range 1.2

Flange, waveguide (cover) M3922/53-001 (UG – 39/U)

Housing waveguide M85/1-075

M85/1-079 (RG-52/U)

Marking See figure 1.

Part number M22641/19-01.

NOTE: Adapters covers by this specification are substitutable for the following commercial types

<u>NSN</u>	<u>Manufacturer</u>	<u>Commercial type</u>
5985-454-2368	00443	601-TNC
5985-454-3368	81413	200-253-000
	94990	58-P1838513001

Referenced documents. In addition to MIL-DTL-22641, this document references the following:

MIL-DTL-85/1

MIL-DTL-3922/53

MIL-PRF-39012/29

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:

Army – CR

Navy – EC

Air Force – 85

DLA – CC

Preparing activity:

DLA – CC

(Project 5985-2013-010)

Review activities:

Army – MI

Navy – AS, MC, OS

Air Force – 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil/>.