

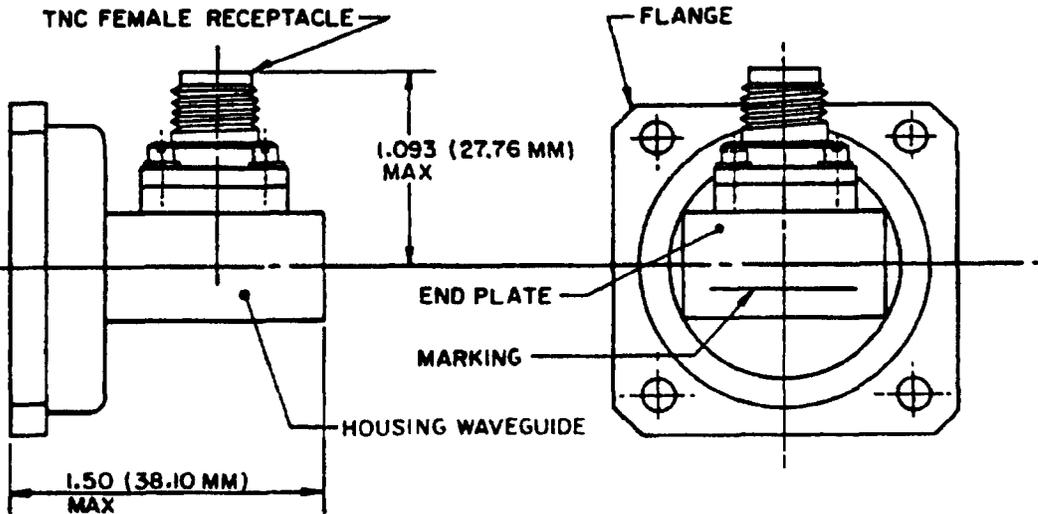
MILITARY SPECIFICATION SHEET

ADAPTERS, COAXIAL TO WAVEGUIDE

(TNC TO WAVEGUIDE - CLASS 4)

The complete requirements for procuring the adapters described herein shall consist of this document and the latest issue of Specification MIL-S-22641

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



NOTES.

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

Figure 1 - Dimensions and configuration.

REQUIREMENTS

| | |
|---------------------------------|-----------------------------------|
| Dimensions and configuration | See figure 1. |
| TNC female receptacle | In accordance with MIL-C-39012/29 |
| VSWR | |
| Over entire frequency range | 1 25 |
| Over 50 percent frequency range | 1 2 |
| Frequency range | 8.20 to 12.40 GHz |
| 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 covered by this specification are substitutable for the following commercial types

| | <u>FSC Manufacturer</u> | <u>Commercial type</u> |
|-------------------|-------------------------|------------------------|
| FSN 5985-454-2368 | 00443 | 601-TNC |
| FSN 5985-454-2368 | 81413 | 200-253-000 |
| | 94990 | 58-F1838513001 |

Custodians
 Army - EL
 Navy - EC
 Air Force - 80

Preparing activity
 Navy - EC

 Agent
 DSA - ES

Review activities
 Army - M1
 Navy -
 Air Force - 11 17
 DSA - ES

(Project 5985-T031)

User activities
 Army -
 Navy - AS, OS, MC, SH
 Air Force -