

INCH-POUND

MIL-PRF-55339B
AMENDMENT 1
4 February 1997

PERFORMANCE SPECIFICATION

ADAPTERS, CONNECTORS, COAXIAL, RADIO FREQUENCY,
(BETWEEN SERIES AND WITHIN SERIES),
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-PRF-55339B, dated 1 April 1996, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 1

Delete and substitute new Beneficial comments block as follows:

"

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Supply Center Columbus, ATTN: DSCC-VAI, 3990 East Broad Street, Columbus, Ohio 43216-5000.

"

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TABLE VII: Delete and substitute; as shown on page 2 of this amendment.

Custodians:

Army - CR
Navy - EC
Air Force - 85
NASA - NA

Preparing activity:

DLA - CC
(Project 5935-4081)

Review activities:

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

AMSC N/A
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FSC 5935

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"TABLE VII. Group C inspection. ^{1/}

Inspection	Requirement paragraph	Test method paragraph
<u>Subgroup 1</u>		
VSWR	3.12	4.6.9
RF leakage	3.13	4.6.10
RF insertion loss	3.14	4.6.11
Durability	3.15	4.6.12
Force to engage/disengage	3.6	4.6.3
Coupling proof torque	3.7	4.6.4
Mating characteristics	3.8	4.6.5
VSWR	3.12	4.6.9
Dielectric withstanding voltage	3.16	4.6.13
<u>Subgroup 2</u>		
Contact resistance (center and outer contacts)	3.17	4.6.14
Vibration, high frequency	3.18	4.6.15
Contact resistance (center contact)	3.17	4.6.14
Shock (specified pulse)	3.19	4.6.16
Contact resistance (center contact)	3.17	4.6.14
Dielectric withstanding voltage	3.16	4.6.13
Contact resistance (center contact)	3.17	4.6.14
Thermal shock (hermetic- sealed adapters)	3.20	4.6.17
Dielectric withstanding voltage	3.16	4.6.13
Contact resistance (center contact)	3.17	4.6.14
Moisture resistance	3.21	4.6.18
Dielectric withstanding voltage	3.16	4.6.13
Corona level	3.22	4.6.19
Hermetic Seal	3.10	4.6.7
Leakage	3.10.1	4.6.7.1
RF high potential withstanding voltage	3.23	4.6.20
Corrosion (salt spray)	3.24	4.6.21
Force to engage/disengage	3.6	4.6.3
Coupling mechanism retention force	3.25	4.6.22
Force to engage/disengage	3.6	4.6.3

^{1/} Manufacturers who have products listed on QPL-39012 and produce adapters of the same series, may apply to the qualifying activity for waiver in performing Group C, subgroup 2, retention testing, providing the interfacial coupling, materials, and plating of the adapter and connectors are identical."