

## PERFORMANCE SPECIFICATION

## CONNECTORS, COAXIAL, RADIO FREQUENCY, GENERAL SPECIFICATION FOR

This supplement forms a part of MIL-PRF-39012F, dated 24 November 2014.

## SPECIFICATION SHEETS

- MIL-PRF-39012/1 - Connectors, Plug, Electrical, Coaxial, Radio Frequency,  
(Series N (Cabled), Pin Contact, Class 2)
- MIL-PRF-39012/2 - Connectors, Plugs and Receptacles, Electrical, Coaxial, Radio Frequency,  
(Series N (Cabled), Flange Mounted, Socket Contact, Class 2)
- MIL-PRF-39012/3 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency,  
(Series N (Cabled), Jam Nut Mounted, Socket Contact, Class 2)
- MIL-PRF-39012/4 - Connectors, Coaxial, Radio Frequency, (Series N (Uncabled) - Receptacles –  
Jam Nut and Flange Mounted, Socket Contact, Class 2)
- MIL-PRF-39012/5 - Connectors, Plug, Electrical, Coaxial, Radio Frequency,  
(Series N (Cabled), Right Angle, Pin Contact, Class 2)
- MIL-PRF-39012/6 - Connectors, Plug, Electrical, Coaxial, Radio Frequency,  
(Series C, (Cabled), Male, Class 2)
- MIL-PRF-39012/7 - Connectors, Plug, Electrical, Coaxial, Radio Frequency,  
(Series C (Cabled), Female, Class 2)
- MIL-PRF-39012/8 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency,  
(Series C (Cabled), Female, Flange Mounted, Rear Mounted, Class 2)
- MIL-C-39012/9 - Connector, Coaxial, Radio Frequency, Series C  
(Cabled Receptacle, Female, Jam Nut, Front Mounted, Class 2)
- MIL-PRF-39012/10 - Connectors, Plug, Electrical, Coaxial, Radio Frequency,  
(Series C, (Cabled), Male, Right Angle, Class 2)
- MIL-PRF-39012/11 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series C, (Cable)  
Female, Jam Nut, Rear Mounted, Pressurized, Class 2)
- MIL-PRF-39012/12 - Connectors, Coaxial, Radio Frequency, Series C (Uncabled - Receptacle, Female,  
Flange Mounted, Rear Mounted, Class 2)
- MIL-PRF-39012/13 - Connectors, Coaxial, Radio Frequency, Series C (Uncabled - Receptacle, Female,  
Jam Nut Mounted, Front Mounted, Pressurized, Class 2)
- MIL-PRF-39012/14 - Connectors, Coaxial, Radio Frequency, Series C (Uncabled - Receptacle, Female,  
Jam Nut Mounted, Hermetic Seal, Class 2)
- MIL-C-39012/15 - Connectors, Plug, Electrical, Coaxial, Radio Frequency,  
(Series C, (Cabled) Male, Class 2 )
- MIL-PRF-39012/16 - Connectors, Plugs, Electrical, Coaxial Radio Frequency,  
(Series BNC (Cabled), Pin Contact, Class 2)
- MIL-PRF-39012/17 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency,  
(Series BNC, (Cabled), Socket Contact, Class 2)
- MIL-PRF-39012/18 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series BNC,  
(Cabled), Socket Contact, Flange Mounted, Class 2)



MIL-PRF-39012F  
SUPPLEMENT 1

- MIL-PRF-39012/19 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series BNC (Cabled), Socket Contact, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/20 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, (Series BNC (Cabled), Pin Contact, Right Angle, Class 2)
- MIL-PRF-39012/21 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series BNC (Uncabled), Socket Contact, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/22 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, (Series BNC (Uncabled), Socket Contact, Flange Mounted, Class 2)
- MIL-PRF-39012/23 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, (Series BNC (Uncabled), Socket Contact, Right Angle, Class 2)
- MIL-PRF-39012/24 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series BNC (Uncabled), Socket Contact, Hermetic Sealed, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/25 - Connectors, Coaxial, Radio Frequency, (Hardware for Radio Frequency Coaxial Connectors)
- MIL-PRF-39012/26 - Connectors, Plugs, Electrical, Coaxial Radio Frequency, (Series TNC (Cabled), Pin Contact, Class 2)
- MIL-PRF-39012/27 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, (Series TNC, (Cabled), Socket Contact, Class 2)
- MIL-PRF-39012/28 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, (Series TNC, (Cabled), Socket Contact, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/29 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series TNC, (Cabled), Socket Contact, Flange Mounted, Class 2)
- MIL-PRF-39012/30 - Connectors, Plugs, Electrical, Coaxial Radio Frequency, (Series TNC (Cabled), Pin Contact, Right Angle, Class 2)
- MIL-PRF-39012/31 - Connectors, Coaxial, Radio Frequency, (Series TNC (Uncabled - Receptacles, Socket, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/32 - Connectors, Coaxial, Radio Frequency, Series TNC (Uncabled - Receptacle, Socket, Flange Mounted, Class 2)
- MIL-PRF-39012/33 - Connectors, Coaxial, Radio Frequency, Series TNC (Uncabled-Receptacle, Socket, Right Angle, Class 2)
- MIL-PRF-39012/34 - Connectors, Coaxial, Radio Frequency, (Series TNC (Uncabled) - Receptacle, Socket, Hermetic Sealed, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/35 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, (Series SC (Cabled), Pin Contact, Class 2)
- MIL-PRF-39012/38 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series SC (Cabled), Socket Contact, Flange Mounted, Rear Mounted, Class 2)
- MIL-PRF-39012/39 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, (Series SC (Cabled), Pin Contact, Right Angle, Class 2)
- MIL-PRF-39012/40 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series SC (Cabled), Socket Contact, Jam Nut, Rear Mounted, Class 2)
- MIL-PRF-39012/55 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, (Series SMA (Cabled) - Plug, Pin Contact, Class 2)
- MIL-PRF-39012/56 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, (Series SMA (Cabled) - Plug, Pin Contact, Right Angle, Class 2)
- MIL-PRF-39012/57 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, (Series SMA (Cabled) - Socket Contact, Class 2)
- MIL-PRF-39012/58 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, (Series SMA (Cabled) - Socket Contact, Flange Mounted Class 2)
- MIL-PRF-39012/59 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, (Series SMA (Cabled) - Socket Contact, Jam Nut Mounted Class 2)
- MIL-PRF-39012/60 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, Series SMA (Uncabled, Socket Contact, Flange Mounted, Class 2)
- MIL-PRF-39012/61 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, Series SMA (Uncabled, Socket Contact, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/62 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, Series SMA (Uncabled, Socket Contact, Jam Nut Mounted, Hermetic Seal, Class 2)

MIL-PRF-39012F  
SUPPLEMENT 1

- MIL-PRF-39012/67 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, Series SMB (Cabled, Socket Contact, Class 2)
- MIL-PRF-39012/68 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, Series SMB (Cabled, Pin Contact, Class 2)
- MIL-PRF-39012/69 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, Series SMB (Cabled, Socket Contact, Right Angle, Class 2)
- MIL-PRF-39012/70 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, Series SMB (Cabled, Pin Contact, Jamnut Mounted, Rear Mounted, Class 2)
- MIL-PRF-39012/71 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, Series SMB (Uncabled, Male, Jamnut Mounted, Class 2)
- MIL-PRF-39012/73 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, Series SMC (Cabled, Socket Contact, Class 2)
- MIL-PRF-39012/74 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, Series SMC (Cabled, Pin Contact, Class 2)
- MIL-PRF-39012/75 - Connectors, Plugs, Electrical, Coaxial, Radio Frequency, Series SMC (Cabled, Socket Contact, Right Angle, Class 2)
- MIL-PRF-39012/76 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, Series SMC (Cabled, Pin Contact, Jamnut Mounted, Rear Mounted, Class 2)
- MIL-PRF-39012/77 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, Series SMC (Uncabled, Male, Jam Nut Mounted, Class 2)
- MIL-PRF-39012/79 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMA (Cabled) Pin Contact, Class 2, Semirigid Cable
- MIL-PRF-39012/80 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMA (Cabled) Pin Contact, Right Angle, Class 2, Semirigid Cable
- MIL-PRF-39012/81 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMA (Cabled, Semirigid) - Socket Contact, Class 2
- MIL-PRF-39012/82 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, Series SMA (Cabled, Semirigid), Flange Mounted - Socket Contact, Class 2
- MIL-PRF-39012/83 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMA (Cabled, Semirigid) - Jam Nut Mounted, Socket Contact, Class 2
- MIL-PRF-39012/92 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMA (Cabled, Class 2, Without Contact, .141 Semirigid Cable)
- MIL-PRF-39012/93 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, (Series SMA (Uncabled), Female, Printed Circuit, Class 2)
- MIL-PRF-39012/94 - Connectors, Receptacles, Electrical, Coaxial, Radio Frequency, Series SMA, (Uncabled), Female, Printed Circuit, Right Angle, Class 2)
- MIL-PRF-39012/95 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMB (Uncabled, Male, Printed Circuit, Class 2)
- MIL-PRF-39012/96 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMB (Uncabled, Male, Printed Circuit, Right Angle, Class 2)
- MIL-PRF-39012/100 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, High Voltage (Series MHV (Cabled), Pin Contact, Class 2)
- MIL-PRF-39012/128 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, (Series BNC, Solder Pocket, Socket Contact Jam Nut Mounted, Isolated, Class 2)
- MIL-PRF-39012/133 - Connectors, Plug, Electrical, Coaxial, Radio Frequency, Series SMC, Printed Circuit Board Mount
- MIL-PRF-39012/134 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, Series SMC, Printed Circuit Board Mount, Right Angle
- MIL-PRF-39012/135 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, Series SSMB, Printed Circuit Board Mount, Right Angle
- MIL-PRF-39012/136 - Connectors, Plug, Electrical, Series SSMA, Pin Contact, for Semirigid Cable, Class 2
- MIL-PRF-39012/137 - Connectors, Plug, Electrical, Series SSMA, Right Angle, Pin Contact, for Semirigid Cable, Class 2
- MIL-PRF-39012/138 - Connector, Receptacle, Electrical, Series SSMA, Socket Contact, for Semirigid Cable

MIL-PRF-39012F  
SUPPLEMENT 1

- MIL-PRF-39012/139 - Connector, Plug, Electrical, Series SSMA, Pin Contact,  
for Flexible Cable, Class 2
- MIL-PRF-39012/140 - Connector, Plug, Electrical, Series SSMA, Pin Contact, Right Angle,  
for Flexible Cable, Class 2
- MIL-PRF-39012/141 - Connectors, Receptacle, Electrical, Coaxial, Radio Frequency, Series SSMB,  
Printed Circuit Board Mount, Straight

Custodians:

Army – CR  
Navy – EC  
Air Force – 85  
NASA - NA  
DLA – CC

Preparing activity:

DLA – CC

Review activities:

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

(Project 5935-2016-012)

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>.