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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 11313.37-2015

**Radio-frequency connectors -- Part 37: Sectional specification
for STWX8 series R.F. coaxial connectors
(English Translation)**

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Foreword

GB/T 11313 "RF Connectors" have or plan to release the following sections.

- Part 1. Generic specification - General requirements and test methods (GB/T 11313.1-2013)
- Part 2. RF coaxial connectors 9.52 specification (GB/T 11313.2-2007)
- Part 3. balanced antenna feeder with two-pin connector
- Part 4. inner diameter of outer conductor 16mm (0.63in), a characteristic impedance of 50ohm, threaded RF coaxial connectors (7-16 Type) (GB/T 11313.4-2007) Part --- Article 5. 96IEC 50-17 and greater RF coaxial cable connector specification
- Part 6. 96IEC 75-17 and greater RF coaxial cable connector specification Part --- Article 7. C Series RF coaxial connector specification
- Part 8. inner diameter of the outer conductor 6.5mm (0.256in), a characteristic impedance of 50ohm (75ohm), RF coaxial connector bayonet connection Connector (BNC type) specification (GB/T 11313.8-2015)
- Part 9. SMC Series RF coaxial connector specification (GB/T 11313.9-2013)
- Part 10. SMB series RF coaxial connector specification (GB/T 11313.10-2012)
- Part 11. 4.1/9.5 series RF coaxial connector specification Part --- Article 12. UHF series RF coaxial connector specification
- Part 13. inner diameter of the outer conductor 5.6mm (0.22in), mating with the same size of a characteristic impedance of 75ohm (1.6/5.6 Type) and a characteristic impedance of 50ohm (1.8/5.6 type) RF coaxial connector specification
- Part 14. inner diameter of outer conductor 12mm (0.472in), a characteristic impedance of 75ohm, RF coaxial connectors with screw connection (3.5/12 type) specification
- Part 15. SMA Series RF coaxial connector specification
- Part 16. inner diameter of the outer conductor 7mm (0.276in), a characteristic impedance of 50ohm (75ohm), RF coaxial threaded connection Connector (N-type) specification (GB/T 11313.16-2015)
- Part 17. inner diameter of the outer conductor 6.5mm (0.256in), a characteristic impedance of 50ohm, RF coaxial connectors with screw connection (TNC type) specification
- Part 18. SSMA series RF coaxial connector specification (GB/T 11313.18-2013)
- Part 19. SSMB series RF coaxial connector specification (GB/T 11313.19-2013)

- Part 20. SSMC series RF coaxial connector specification
- Part 21. SC-A and SC-B Series Series RF coaxial connector specification
- Part 22. BNO Series RF coaxial connector specification
- Part 23. 3.5mm with rigid precision coaxial lines with the outer conductor inner diameter of 3.5mm (0.1378in) RF coaxial Connector specification
- Part 24. 75ohm cable distribution systems connected by a threaded RF coaxial connector (F-type) (GB/T 11313.24-2013)
- Part 25. Connect the inner conductor double shielded symmetrical cable outer conductor inner diameter of 13.56mm (0.534in) of holes threaded connection Sectional specification
- Part 26. TNCA Series RF coaxial connector specification
- Part 27. 75ohm cable distribution systems with a threaded connection RF coaxial connectors (E-type) specification
- Part 28. characteristic impedance of 75ohm, card lock connection, the outer conductor inner diameter of 5.60mm (0.220in) RF coaxial connector Specification
- Part 29. characteristic impedance of 50ohm, a threaded, push-pull, quick lock or slide rack or panel connected RF Coaxial Device (1.0/2.3 type) specification
- Part 31. inner diameter of the outer conductor 1.0mm (0.039in), the characteristic impedance of 50ohm, RF coaxial connector threaded connection (1.0 type) specification
- Part 32. inner diameter of the outer conductor is 1.85mm (0.072in), the characteristic impedance of 50ohm, RF coaxial connector threaded connection (1.85 type) specification
- Part 33. BMA RF coaxial connector specification (GB/T 11313.33-2001)
- Part 35. 2.92 Series RF coaxial connector specification
- Part 36. characteristic impedance of 50ohm of the snap connection miniature RF coaxial connectors (MCX type) (GB/T 11313.36-2006)
- Part 38. 50ohm back and slide-in module panel RF coaxial connector (TMA type) specification
- Part 39. CQM series quick lock RF coaxial connectors specification
- Part 40. RF coaxial connector series 2.4 specification
- Part 41. CQA series quick lock RF coaxial connectors specification
- Part 42. CQN series quick lock RF coaxial connectors specification Part --- Article 43. RBMA series blind mating RF coaxial connectors specification Part --- Article 44. SMP

series RF coaxial connector specification Part --- Article 45. SQMA series quick lock RF coaxial connectors specification Part --- Article 47. Fquick series 75ohm cable distribution systems with plug-in RF coaxial connector specification Part --- Article 48. BMP series blind mating RF coaxial connectors specification Part --- Article 49. SMAA Series RF coaxial connector specification

--- Part 101. MMCX Series RF coaxial connector specification (GB/T 11313.101-2015) this section GB/T 11313 Part 37.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses redrafted law Reference IEC 61169-37:2007 "radio frequency connectors - Part 37. Sectional specification STWX8 with RF Coaxial connector "prepared with IEC 61169-37:2007 non-equivalent degree of consistency.

This part of IEC 61169-37:2007 The main difference is as follows.

--- According to the new drawing and dimensioning requirements for all graphics redrawn (see 3.1.1; 3.1.2; 3.2.1; 3.2.2; 3.3.1 and 3.3.2);

--- IEC 61169-37. "1" and in 2007 by the expression "the mating connector used in a variety of cable" to "connected with a variety shot Mating frequency cable or microstrip etc. "

--- IEC 61169-37:2007 3.1 "General Purpose 2 connector" is divided into two chapters expression (see 3.1.1 and 3.1.2);

--- IEC 61169-37. unlocking sleeve Optimization 2007 "General Purpose 2 3.1 Connector" interface that is part of the self-locking function, but also with A guide function of the protective cover, part of the interface and icon size has been adjusted (see 3.1.1 and 3.1.2);

--- IEC 61169-37:2007 "Standard Test 0 3.3 connector" only assess electrical performance, unlock the interface portion of the sleeve to in addition, part of the interface and icon size has been adjusted (see 3.3.1 and 3.3.2);

--- IEC 61169-37:2007, "Table 6 ratings and characteristics," the reflection coefficient expressed by the formula method to the specific values \u200b\u200band the increase;

--- IEC 61169-37:2007 "ratings and characteristics Table 6 and Table 8 cycle test" exists editorial errors on the editorial wrong Department mistakenly been modified (see Table 7 and Table 9).

Please note that some of the content of this section may involve patents. This part of the release mechanism does not assume the responsibility to identify these patents.

This part is proposed by the Ministry of Industry and Information Technology of the People's Republic of China.

This section is under the jurisdiction of the National electronic equipment with a high-frequency cables and connectors Standardization Technical Committee (SAC/TC190).