



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

GB/T 11313.40-2021

**Radio-frequency connectors - Part 40: Sectional specification
for 2.4 series R. F. connectors**

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Table of Contents

1 Scope	1
2 Normative references	1
3 Mating interface and standard gauge	1
3.1 High-performance connector size-level 1	1
3.1.1 Pin connector	1
3.1.2 Jack connector	3
3.2 Standard gauges for jack connectors	4
3.3 Standard test connector size --0 level	4
3.3.1 Pin standard test connector	4
3.3.2 Jack standard test connector	6
4 Quality assessment procedures	7
4.1 General	7
4.2 Ratings and characteristics	7
4.3 Test list and inspection requirements	10
4.3.1 Delivery test	10
4.3.2 Periodic test	10
4.4 Procedure	12
4.4.1 Quality consistency inspection	12
4.4.2 Approval of appraisal and its maintenance	12
5 Guide for detailed specification development	12
5.1 General	12
5.2 Identification of detailed specifications	12
5.3 Identification of components	13
5.4 Performance	13
5.5 Marks, order documents and related matters	13
5.6 Selection of test, test conditions and severity	13
6 Blank detailed specification format for 2.4 series connectors	13
Reference	21

Foreword

GB/T 11313 "Radio Frequency Connectors" has or plans to publish the following parts.

- Part 1.General requirements and test methods of the general specification;
- Part 2.Sectional specification for type 9.52 radio frequency coaxial connectors;
- Part 3.Sectional specification for double-pin connectors for double-balanced antenna feeders;
- Part 4.RF coaxial connector with inner diameter of outer conductor of 16mm (0.63in), characteristic impedance of 50ohm, threaded connection (7-16 type);
- Part 5.Sectional specification for radio frequency coaxial connectors for mating with 60096IEC 50-17 and larger cables;
- Part 6.Sectional specification for radio frequency coaxial connectors for mating with 60096IEC 75-17 and larger cables;
- Part 7.RF coaxial connector with inner diameter of outer conductor of 9.5mm (0.374in), characteristic impedance of 50ohm, bayonet connection (Type C) Sub-specification;
- Part 8.RF coaxial connection with inner diameter of outer conductor of 6.5mm (0.256in), characteristic impedance of 50ohm (75ohm), bayonet connection Connector (BNC type) section specification;
- Part 9.SMC series radio frequency coaxial connector sub-specification;
- Part 10.Sectional specification for SMB series radio frequency coaxial connectors;
- Part 11.RF coaxial connector with inner diameter of outer conductor of 9.5mm (0.374in), characteristic impedance of 50ohm, threaded connection (4.1/9.5 type) sub-specification;
- Part 12.Sectional specification for non-matching threaded radio frequency coaxial connectors (UHF type);
- Part 13.1.6/5.6 and 1.8/5.6 type radio frequency coaxial connector sub-specification;
- Part 14.The inner diameter of the outer conductor is 12mm (0.472in), the characteristic impedance is 75ohm, and the threaded radio frequency coaxial connector (3.5/12 type) sub-specification;
- Part 15.RF coaxial connector with inner diameter of outer conductor of 4.13mm (0.163in), characteristic impedance of 50ohm, threaded connection (SMA type);
- Part 16.The inner diameter of the outer conductor is 7mm (0.276in), the characteristic

impedance is 50ohm (75ohm), and the threaded radio frequency coaxial connection

Sectional specification for connectors (Type N);

---Part 17.RF coaxial connector with inner diameter of outer conductor of 6.5mm (0.256in), characteristic impedance of 50ohm, threaded connection

(TNC type) sub-standard;

---Part 18.Sectional specification for SSMA series radio frequency coaxial connectors;

---Part 19.Sectional specification for SSMB type radio frequency coaxial connectors;

---Part 20.RF coaxial connector with inner diameter of outer conductor of 2.08mm (0.082in), characteristic impedance of 50ohm, threaded connection

(SSMC type) sub-specification;

---Part 21.The inner diameter of the outer conductor is 9.5mm (0.374in), the characteristic impedance is 50ohm, and there are two different types of threaded connections

The sub-specification of the radio frequency connector (SC-A and SC-B type);

---Part 22.Sectional specification for double core radio frequency connectors (BNO type) for bayonet connection of double inner conductor shielded symmetrical cables;

---Part 23.Connecting 3.5mm hard precision coaxial cable, the inner diameter of the outer conductor is 3.5mm (0.1378in) radio frequency coaxial connector

specification;

---Part 24.Sectional specification for threaded radio frequency coaxial connectors (Type F) for 75ohm cable distribution systems;

---Part 25.Connect double inner conductor shielded symmetrical cable, outer conductor inner diameter of 13.56mm (0.534in) twin core thread type (3/4-

20UNEF) connector (TWHN type) section specification;

---Part 26.TNCA series radio frequency coaxial connector sub-specification;

---Part 27.Sectional specification for threaded radio frequency coaxial connectors (Type E) for 75ohm cable distribution systems;

---Part 28.The inner diameter of the outer conductor is 5.60mm (0.220in), the characteristic impedance is 75ohm, and the card lock is connected to the radio frequency coaxial connector.

specification;

---Part 29.50ohm and 75ohm with characteristic impedance of 50ohm, with threaded, push-pull, quick lock or slide rail rack or panel with small

Sectional specification for type radio frequency coaxial connectors (1.0/2.3 type);

---Part 31.RF coaxial connector with inner diameter of outer conductor of 1.0mm (0.039in), characteristic impedance of 50ohm, threaded connection

(1.0 type) sub-standard;

---Part 32.RF coaxial connector with inner diameter of outer conductor of 1.85mm (0.072in), characteristic impedance of 50ohm, threaded connection

(1.85 type) sub-specification;

---Part 33.Sub-specification for BMA series radio frequency connectors;

---Part 35.2.92 series radio frequency connector sub-specification;

---Part 36.Snap-on miniature radio frequency coaxial connector (MCX type) with characteristic impedance of 50ohm;

---Part 37.STWX8 series radio frequency coaxial connector sub-specification;

---Part 38.Sectional specification for 50ohm backplane and panel modular sliding-in radio frequency connectors (TMA type);

---Part 39.Sectional Specification for CQM Series Quick Lock RF Connectors;

---Part 40.2.4 series radio frequency connector sub-specification;

---Part 41.Sectional Specification for CQA Series Quick Lock RF Connectors;

---Part 42.Sectional Specification for CQN Series Quick Lock RF Connectors;

---Part 43.Sectional specification for RBMA series blind-mate radio frequency coaxial connectors;

---Part 44.Sectional specification for SMP series push-in radio frequency coaxial connectors;

---Part 45.Sectional Specification for SQMA Series Quick Lock RF Coaxial Connectors;

---Part 47.Sectional specification for plug-in radio frequency coaxial connectors for Fquick series 75ohm cable distribution systems;

---Part 48.BMP series blind-mate radio frequency coaxial connector sub-specification;

---Part 49.SMAA series radio frequency coaxial connector sub-specification;

---Part 58.Sectional specification for SBMA series blind-mate radio frequency coaxial connectors;

---Part 101.Sectional specification for MMCX series radio frequency coaxial connectors;

---Part.201.Electrical test method reflection coefficient and voltage standing wave ratio;