

BNC-JW5YA1-1 Connector

BNC series feature a two stud, bayonet coupling, which is engaged by rotating the sleeve less than 1/2 turn, BNC connectors are recommended for use at frequency up to 4 GHz where repeated coupling and uncoupling are anticipated

Key performance

Characteristic Impedance: 50Ω

Frequency range: 0~4GHz

Contact resistance

Center conductor $\leq 2.0\text{m}\Omega$

Out conductor $\leq 0.2\text{m}\Omega$

Insulation resistance: $\geq 5000\text{M}\Omega$

Insulator voltage withstanding: 1500V

VSWR: ≤ 1.30

Connector durability: 500 cycles

Applicable spec/std: GJB681A (MIL-C-39012)



Type	Suitable Cable	L	D
BNC-JW5Y	5	22	3.1

Material

Center contacts:

Male---brass, gold plated.

Female—beryllium copper, gold plated

Bodies other metal parts:

brass, gold plated

Insulators: Teflon

Crimp ferrule: copper, nickel plated.

Gasket and seal rings: silicone rubber

Heat-shrink tubing: thermofit plastic

