

BNC 系列射频同轴连接器

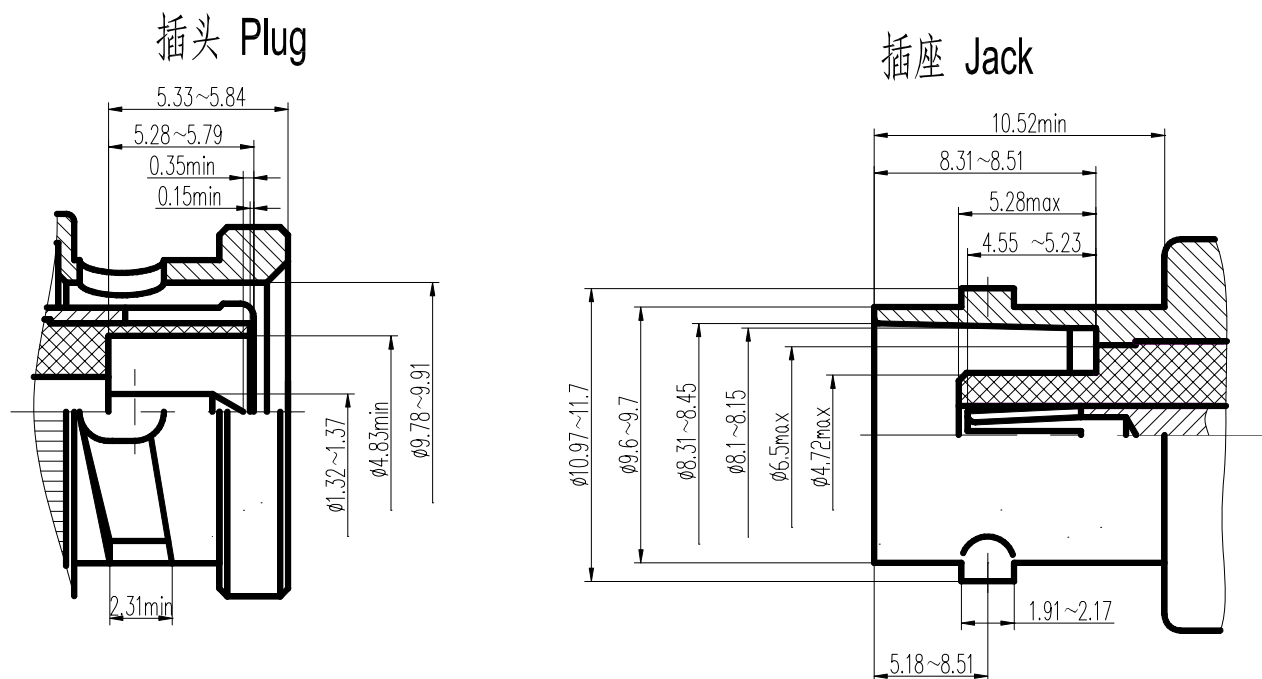
(版本: V0.0)

一、主要特点

BNC 连接器适用于低功率, 它利用卡口连接机构以获得快速连接和分离, 广泛地用于无线电设备和电子仪器中连接射频同轴电缆, 特性阻 50Ω 和 75Ω 。

MAIN CHARACTERISTICS

The BNC Connectors are for low power, quick connect/disconnect applications using a bayonet type coupling mechanism. They are widely used to connect the RF coaxial-cables in electronic equipment and instruments. Characteristic impedance 50Ω and 75Ω .

二、界面尺寸 (50 Ω)

三、材料与涂覆 (镀层厚度可根据用户要求确定)

名 称	材 料	涂 覆
外 壳	铅 黄 铜	镀镍或金
插 针	铅 黄 铜	镀金
插 孔	锡 青 铜	镀金
绝 缘 体	聚四氟乙烯	
密 封 件	硅 橡 胶	
夹 紧 套	黄 铜	镀镍

四、技术特性: TECHNICAL CHARACTERISTICS

环境温度 Temp.range: $-40 \sim 155^{\circ}\text{C}$ (注: 装聚乙烯电缆 PE cable $-40 \sim 85^{\circ}\text{C}$) .

(版本: V0.0)

工作电压 Rated voltage:

在 5.4KPa 时 At 5.4KPa:125V.

在海平面上 At sea level:500V.

内导体拔出力 Center conductor withdrawal force : $\geq 0.57\text{N}$.**接触电阻 Contact resistance:**内导体间 Center conductor: $\leq 10\text{m}\Omega$ 外导体间 Outer conductor: $\leq 2.5\text{m}\Omega$.**绝缘电阻 Insulation Resistance:** $\geq 5000\text{M}\Omega$.**耐压(50Hz,有效值) Voltage proof(50Hz,rms):**

在海平面上 At sea level:1500V.

在 5.4KPa 时 At 5.4KPa:300V.

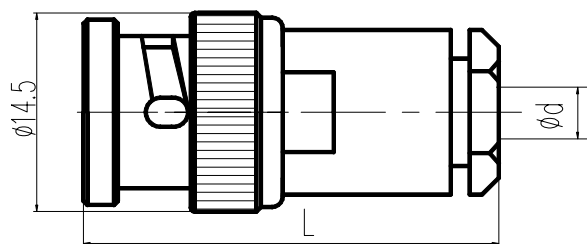
电压驻波比 VSWR: ≤ 1.3 **机械耐久性 Durability:**500 次 Cycles.**适用标准 Applicable standard:** GB11315 - 89

IEC61169 - 8

MIL - C - 39012



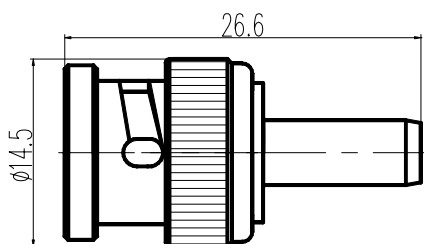
BNC-J3等



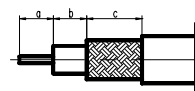
Type	d	Cable type
BNC-J3	3.0	SYV-50-2-1
BNC-J4	4.2	SYV-50-2-2
BNC-J5	5.3	SYV-50-3
BNC-J21	6.4	SDY-4,SYV-75-4



BNC-JMY 等



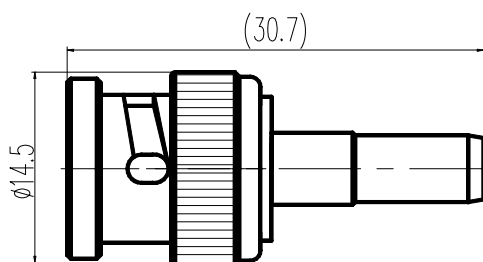
电缆剥线尺寸



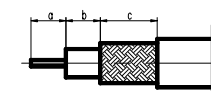
Type	a	b	c	Cable type
BNC-4Y	3.8	4	9.5	SFF-50-2-2,SYV-50-2-2
BNC-5Y	3.8	4	9.5	SYV-50-3



BNC-75J3YA



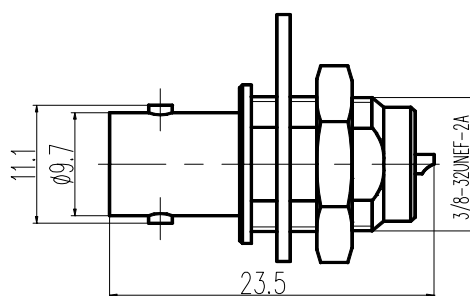
电缆剥线尺寸



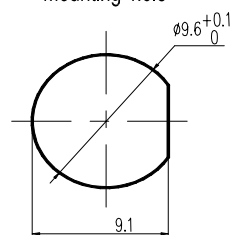
Type	a	b	c	Cable type
BNC-75J3YA	2.3	2.2	5.4	SFYZ-75-2-1



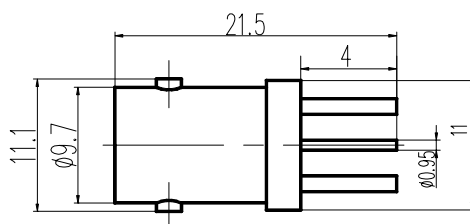
BNC-50KY



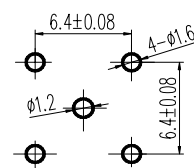
安装开孔尺寸
Mounting hole



BNC-50KH

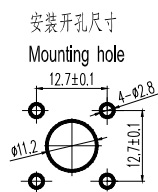
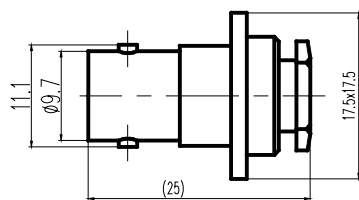


安装开孔尺寸
Mounting hole

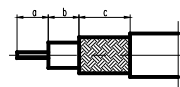




BNC-KF3



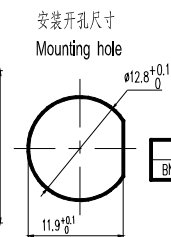
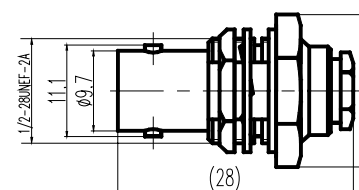
电缆剥线尺寸



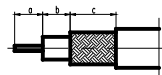
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BNC-KF3	5	0.7	7	SFF-50-1.5-1, SYV-50-2-1



BNC-KY2



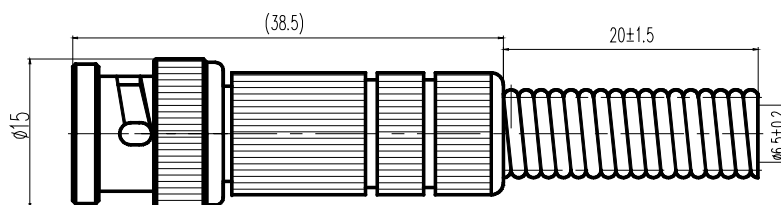
电缆剥线尺寸



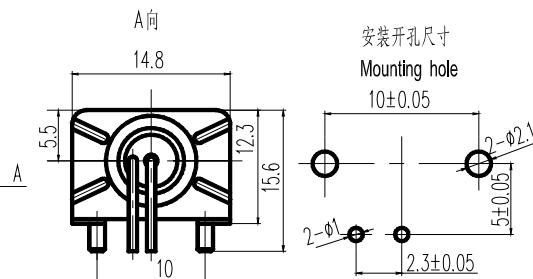
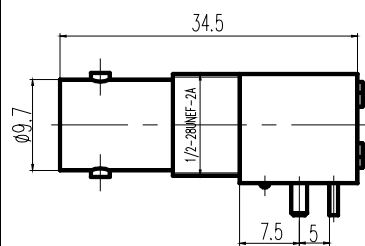
type	a	b	c	Cable type
BNC-KY2	2.5	10.5	5.3	SFF-50-1, SYV-50-1



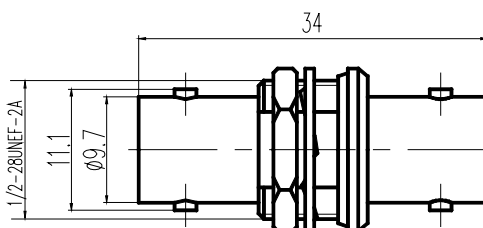
BNC-JS Φ6



BNC-KWHD



BNC-M-KRY



安装开孔尺寸

Mounting hole

