

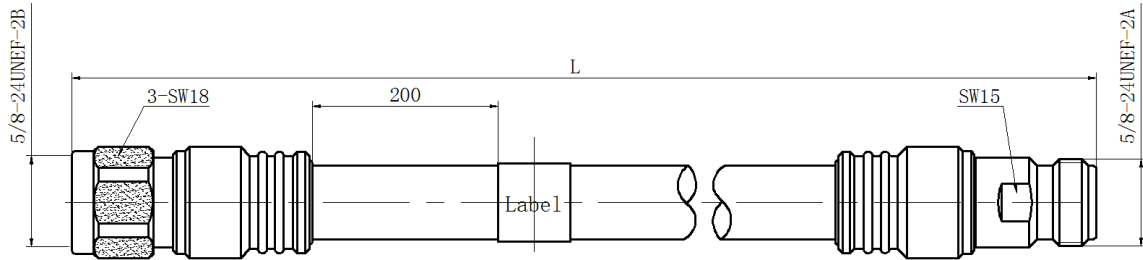


吴通集团
WUTONG GROUP

Technical Data Sheet

技术规格书

Connector Type 相关类型	Cable Type 电缆类型	Description 产品名称
N/N	1/2" super cable	N Male/N Female for YD9 Cable Assembly N 针型- N 孔型接 YD9 电缆焊接式电缆组件



All dimensions are in mm
尺寸单位均为毫米

跳线长度 (L) mm (Jumper Length)	允许公差 mm (Tolerances)	产品型号 (Part Number)	插入损耗 (Insertion Loss)	电压驻波比 (VSWR)	备注
1000	±10	NM/NF-H-YD9-1m	≤0.34dB (@900MHz)	≤1.2 (DC to 3000MHz)	
2000	±20	NM/NF-H-YD9-2m	≤0.44dB (@900MHz)	≤1.2 (DC to 3000MHz)	
3000	±30	NM/NF-H-YD9-3m	≤0.54dB (@900MHz)	≤1.2 (DC to 3000MHz)	

Parts/配件

Connector 1 连接器 1

- Center contact (中心导体)
- Outer contact (外导体)
- Fastener (紧固件)
- Dielectric (绝缘介质)
- Gasket (垫圈)

- N Male Connector
- Brass (Ag plating)
- Brass (CuSnZn plating)
- Brass (Ni plating)
- PTFE
- Silicon Rubber

Connector 2 连接器 2

- Center contact (中心导体)
- Outer contact (外导体)
- Dielectric (绝缘介质)

- N Female Connector
- Bronze (Ag plating)
- Brass (CuSnZn plating)
- PTFE

Cable 电缆

1/2" super cable 1/2 超柔电缆

Molding 注塑

Black PE 黑色 PE

Marking label 标记标签

Wrap stick type 卷绕黏贴式

Documents 执行标准

Connector specification 连接器规格 IEC 61169-16

Electrical data /电气性能

Impedance 特性阻抗 50 Ω
Frequency 频率范围 DC to 3 GHz
VSWR 驻波 See above
Insertion loss 插入损耗 See above
Insulation resistance 绝缘电阻 $\geq 5000 \text{ M}\Omega$
Dielectric Strength 介质耐压 2000 V AC, 1Min
PIM (@900MHz、1800MHz; 2x20W) 三阶互调 $\leq -150 \text{ dBc}$ (2 x 43 dBm)

Mechanical data /机械性能

Max. tensile strength 最大抗拉强度 300N

Environmental data /环境性能

Temperature range 温度范围 -45 °C to +85 °C
Change of temperature 温度变化 IEC 60068-2-14/GB/T 2423.22
Salt mist 盐雾 IEC 60068-2-11/GB/T 2423.17(48h)
Vibration 振动 IEC 60068-2-6/GB/T 2423.10
Shock 冲击 IEC 60068-2-27/GB/T 2423.5
Damp heat, steady state 恒定湿热试验 IEC 60068-2-3/GB/T 2423.3
Protection class 外壳防护等级 IEC 60529/GB 4208

Suitable cables /适配电缆

1/2 super cable (YD9 cable)

Draft 拟制:

Checker 审核:

Approve 批准: