

射频线缆 & 连接器

数据手册
CN03A



产品综述

在射频领域中，各种接口类型及工作频段的线缆和连接器让人眼花缭乱。作为测试环节中连接被测物与测量仪器的重要一环，其性能直接决定了测量结果的可靠性。

鼎阳科技根据实际测试需求，提供多种材质、接口类型以及工作频率的高质量射频线缆及连接器。此外，RAKA系列射频连接器套件和UkitSSA3X通用工具套件，是精密转接与一站式测试的得力助手。无论是实验室的研发验证，还是产线的批量生产，鼎阳科技的射频连接产品始终通过严谨的设计与精密制造工艺，确保信号传输的稳定性，提高测试测量精度。

型号和主要参数

射频线缆

型号	接口类型	频率范围	长度(mm)	特性阻抗
N-BNC-2L	N (Male) – BNC (Male)	DC ~ 2 GHz	700	50Ω
N-N-6L	N (Male) – N (Male)	DC ~ 6 GHz	700	50Ω
N-SMA-6L	N (Male) – SMA (Male)	DC ~ 6 GHz	700	50Ω
S06-NMSF-1M	N (Male) – SMA (Female)	DC ~ 6 GHz	1000	50Ω
N-N-18L	N (Male) – N (Male)	DC ~ 18 GHz	1000	50Ω
N-SMA-18L	N (Male) – SMA (Male)	DC ~ 18 GHz	1000	50Ω
S18-NMSF-1M	N (Male) – SMA (Female)	DC ~ 18 GHz	1000	50Ω
SMA-SMA-18L	SMA (Male) – SMA (Male)	DC ~ 18 GHz	1000	50Ω
SMA-SMA-26L	SMA (Male) – SMA (Male)	DC ~ 26.5 GHz	1000	50Ω
SMAF-SMA-26L	SMA (Male) – SMA (Female)	DC ~ 26.5 GHz	1000	50Ω
V26-N35MN35F-25IN	NMD 3.5 mm (Female) – NMD 3.5 mm (Male)	DC ~ 26.5 GHz	635	50Ω
V26-N35FA35F-25IN	NMD 3.5 mm (Female) – APC 3.5 mm (Female)	DC ~ 26.5 GHz	635	50Ω
S40-29M29F-1M	2.92 mm (Male) – 2.92 mm (Female)	DC ~ 40 GHz	1000	50Ω
V50-N24MN24F-25IN	NMD 2.4 mm (Female) – NMD 2.4 mm (Male)	DC ~ 50 GHz	635	50Ω
V50-N24FA24F-25IN	NMD 2.4 mm (Female) – APC 2.4 mm (Female)	DC ~ 50 GHz	635	50Ω

射频连接器

型号	接口类型	频率范围	特性阻抗
2.92F-2.92F-40A	2.92 mm (Female) – 2.92 mm (Female)	DC ~ 40 GHz	50Ω
1.85F-2.92F-40A	1.85 mm (Female) – 2.92 mm (Female)	DC ~ 40 GHz	50Ω
1.85F-1.85F-67A	1.85 mm (Female) – 1.85 mm (Female)	DC ~ 67 GHz	50Ω

射频连接器套件

型号	描述	频率范围	特性阻抗
RAKA26	内含3.5mm系列内连接器、N型系列内连接器、3.5mm & N型系列间连接器、7mm/8mm/14mm/19mm配套扳手、便携收纳盒	DC ~ 18 / 26.5 GHz	50Ω
RAKA50	内含2.4mm系列内连接器、2.92mm系列内连接器、2.4mm & 2.92mm系列间连接器、6mm/7mm/8mm配套扳手、便携收纳盒	DC ~ 40 / 50 GHz	50Ω

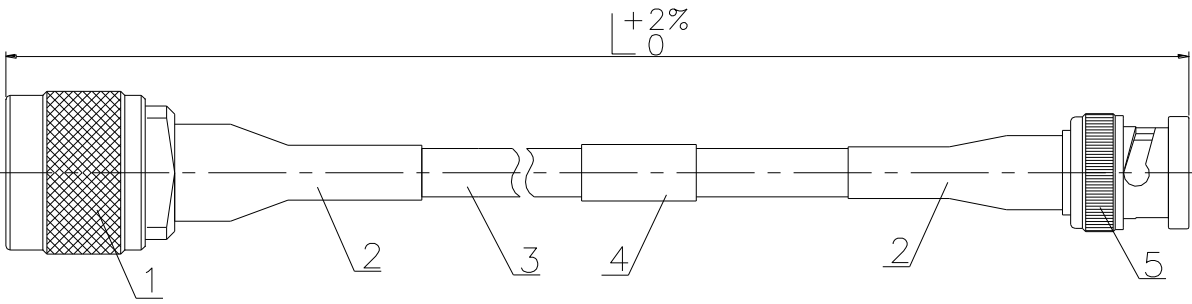
通用工具套件

型号	接口类型	频率范围	长度(mm)	特性阻抗
UkitSSA3X	N(M)-SMA(M) 线缆	DC ~ 6 GHz	700	50Ω
	N(M)-N(M) 线缆	DC ~ 6 GHz	700	50Ω
	N(M)-BNC(F) 连接器 x2	DC ~ 2 GHz		50Ω
	N(M)-SMA(F) 连接器 x2	DC ~ 6 GHz		50Ω
	N-N 10 dB 1W 衰减器	DC ~ 6 GHz		50Ω

参数规格

射频线缆

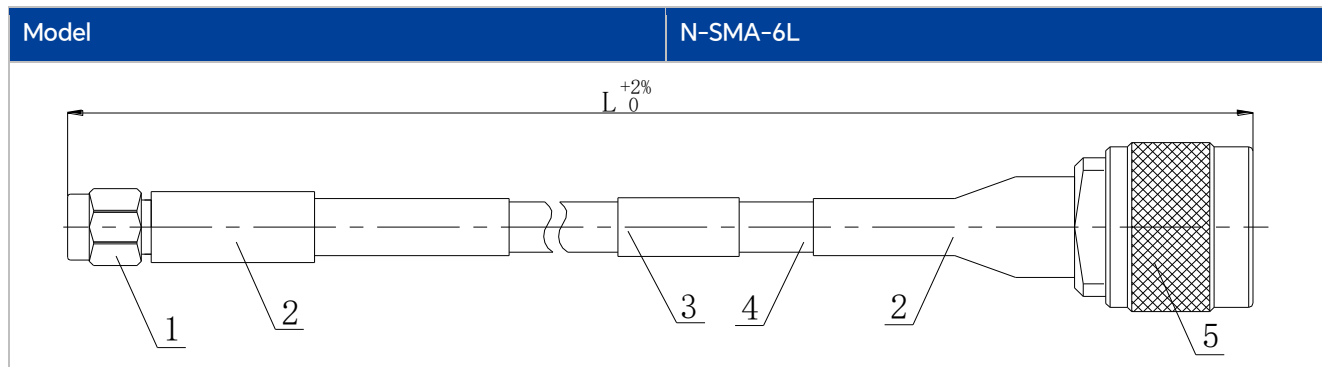
N-BNC-2L

Model	N-BNC-2L
	
Parts	
L	- Cable length (L=0.7M)
1	- N Male connector (nickel plated copper)
2	- High temperature Shrinking tube
3	- RG223 cable (outer diameter 5.3 mm)
4	- Tag
5	- BNC Male connector (nickel plated copper)
Specifications	
Frequency	DC ~ 2 GHz
Impedance	50 Ω
VSWR	≤1.20@DC~2GHz
Insertion loss	≤1.0dB@2GHz
Velocity of propagation	66%
Dielectric withstand voltage	≥1000V
Insulation resistance	≥5000MΩ
Minimum bending radius	25mm
Temperature range(Operation)	-55°C ~ +85°C
Length	700 mm

N-N-6L

Model		N-N-6L
Parts		
L	-	Cable length (L=0.7M)
1	-	N Male connector (nickel plated copper)
2	-	High temperature Shrinking tube
3	-	RG223 cable (outer diameter 5.3 mm)
4	-	Tag
Specifications		
Frequency		DC ~ 6 GHz
Impedance		50 Ω
VSWR		≤1.25:1@6GHz
Insertion loss		≤1.8dB@6GHz
Velocity of propagation		66%
Dielectric withstand voltage		≥1000V
Insulation resistance		≥5000MΩ
Minimum bending radius		25mm
Temperature range(Operation)		-55°C ~ +85°C
Length		700 mm

N-SMA-6L



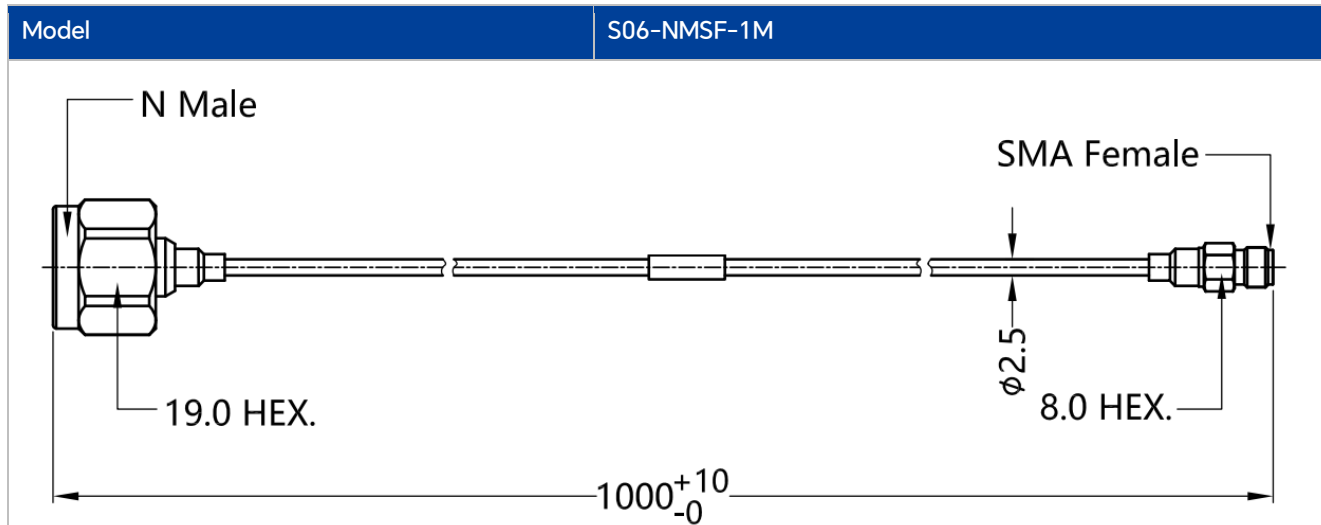
Parts

L	- Cable length (L=0.7M)
1	- SMA Male connector (nickel plated gold)
2	- High temperature Shrinking tube
3	- RG223 cable (outer diameter 5.3 mm)
4	- Tag
5	- N Male connector (nickel plated copper)

Specifications

Frequency	DC ~ 6 GHz
Impedance	50 Ω
VSWR	≤1.25:1@6GHz
Insertion loss	≤1.8dB@6GHz
Velocity of propagation	66%
Dielectric withstand voltage	≥1000V
Insulation resistance	≥5000MΩ
Minimum bending radius	25mm
Temperature range(Operation)	-55°C ~ +85°C
Length	700 mm

S06-NMSF-1M

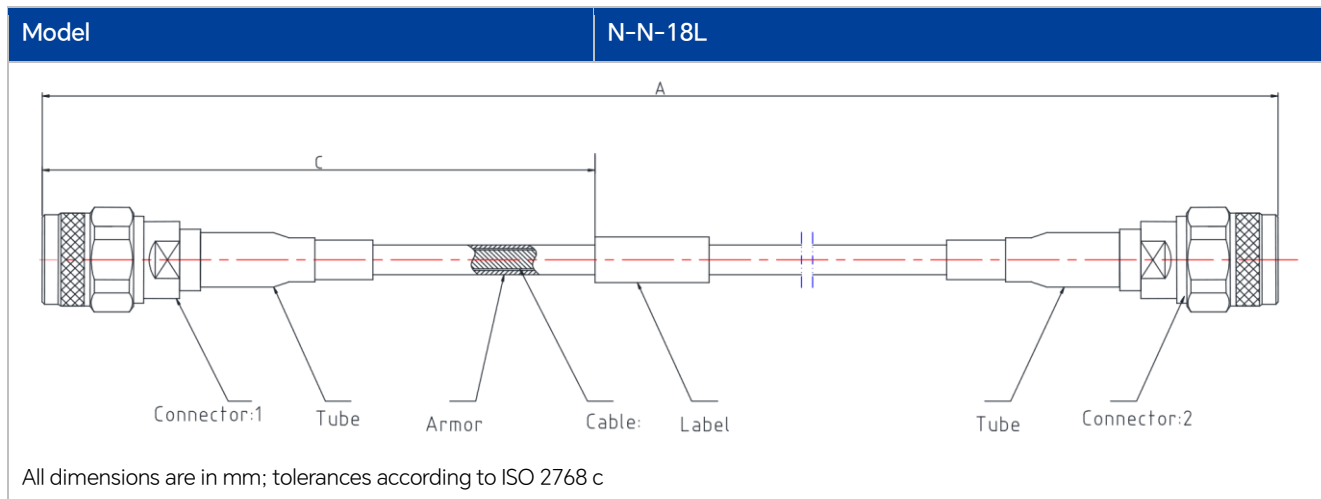


All dimensions are in millimeters tolerances

Parts	
Connector 1	N Male
Connector 2	SMA Female
Cable	FS-6134, Ultra Low Loss Phase Stable Coax Cable (MCC TPE)

Specifications	
Frequency	DC ~ 6 GHz
Impedance	50 Ω
VSWR	≤1.30 @DC~6GHz
Insertion loss	≤2.30dB @DC~6GHz
Velocity of propagation	76%
Voltage rating	335V (rms)
Dielectric withstanding voltage	500V (DC)
Insulation resistance	500MΩ
Minimum bending radius static	13 mm
Minimum bending radius dynamic	25 mm
Recommended coupling torque	7-10 in-lbs
Coupling nut retention force	≥60 lbs
Durability	≥500 cycles
Temperature range(Operation)	-40°C ~ +85°C
RoHS & REACH	Compliant

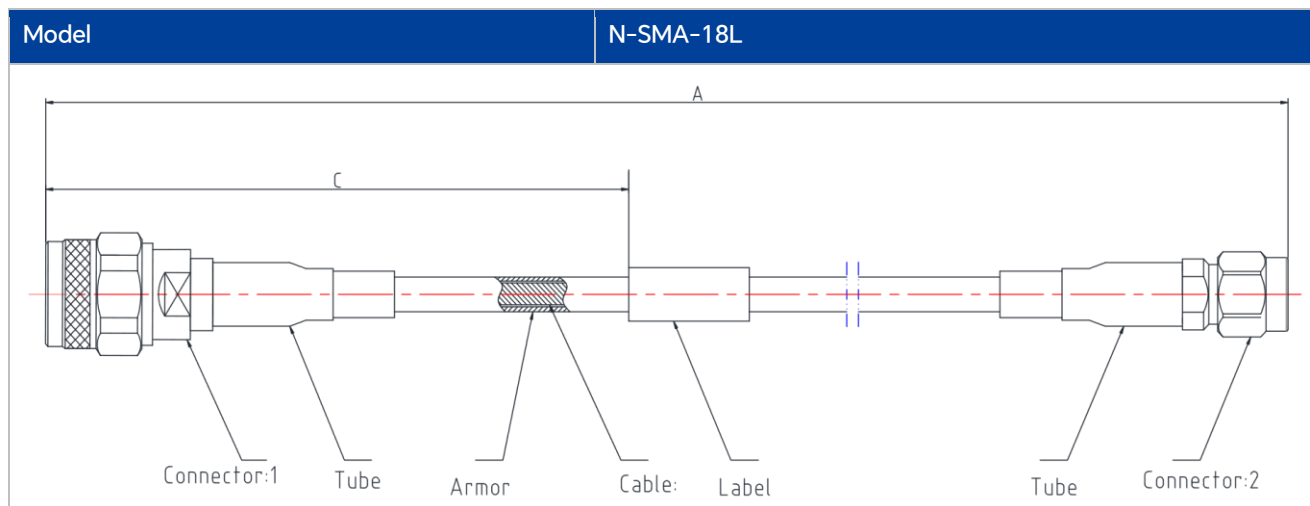
N-N-18L



Parts	
Connector 1	N Male
Connector 2	N Male
Cable	RTK Flex 402-YB Low IL(or equivalent type)
Label	Label Stick
Tube	High temperature Shrinking tube
Armor	Stainless steel interlocked hose with PTFE wire(black+red) jacket
Specifications	
Frequency	DC ~ 18 GHz
Impedance	50 Ω
VSWR	≤1.35 to 18 GHz
Insertion loss ¹	≤2.3dB@DC~18GHz
Velocity of propagation	76%
Phase stability vs. Flexure	±10°@18 GHz (Wrapped around a 50mm diameter mandrel)
Amplitude stability vs. Flexure	±0.1 dB@18 GHz (Wrapped around a 50mm diameter mandrel)
Minimum bending radius	50.8 mm
Cable Diameter(with armor)	6.6 mm
Temperature range(Operation)	-40°C ~ +125°C
RoHS	Compliant
Length A	1000±10 mm
Length C	100±10 mm

¹ Nominal values @20°C ambient temperature

N-SMA-18L



All dimensions are in mm; tolerances according to ISO 2768 c

Parts

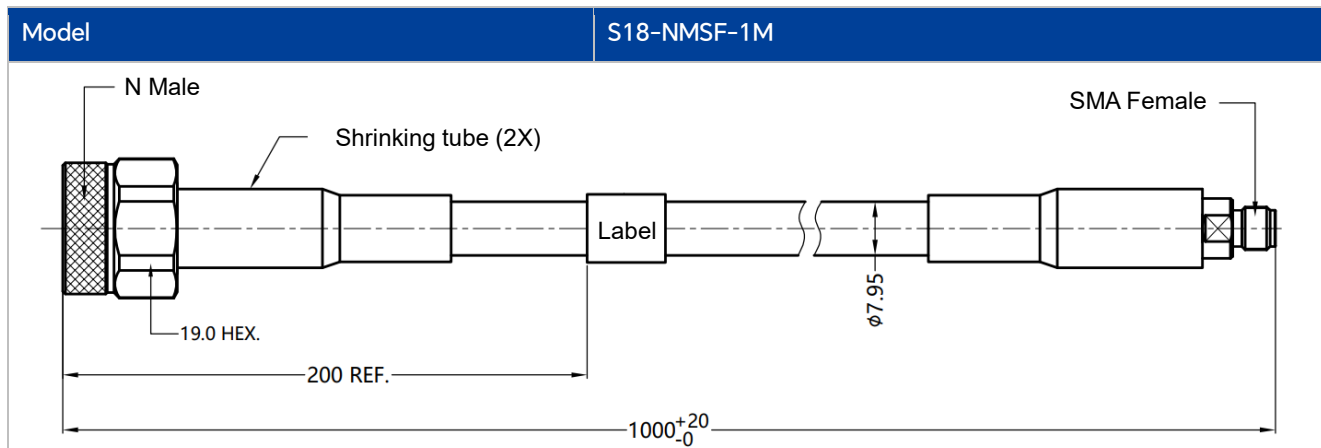
Connector 1	N Male
Connector 2	SMA male
Cable	RTK Flex 402-YB Low IL(or equivalent type)
Label	Label Stick
Tube	High temperature Shrinking tube
Armor	Stainless steel interlocked hose with PTFE wire(black+red) jacket

Specifications

Frequency	DC ~ 18 GHz
Impedance	50 Ω
VSWR	≤1.35 to 18 GHz
Insertion loss ¹	≤2.3dB@DC~18GHz
Velocity of propagation	76%
Phase stability vs. Flexure	≤±10°@18 GHz (Wrapped around a 50mm diameter mandrel)
Amplitude stability vs. Flexure	≤±0.1 dB@18 GHz (Wrapped around a 50mm diameter mandrel)
Minimum bending radius	50.8 mm
Cable Diameter(with armor)	6.6 mm
Temperature range(Operation)	-40°C ~ +125°C
RoHS	Compliant
Length A	1000±10 mm
Length C	100±10 mm

¹ Nominal values @20°C ambient temperature

S18-NMSF-1M



All dimensions are in millimeters tolerances

Parts	
Connector 1	N Male
Connector 2	SMA Female
Cable	FSB500PK, Armored low pass phase stable rf cable (Black+Red)
Specifications	
Frequency	DC ~ 18 GHz
Impedance	50 Ω
VSWR	≤1.30 @DC~18GHz
Insertion loss	≤1.56dB @DC~18GHz
Velocity of propagation	83%
Voltage rating	335V (rms)
Dielectric withstanding voltage	750V (DC)
Insulation resistance	3000MΩ
Mechanical phase stability	±6°
Mechanical amplitude stability	±0.08dB
Minimum bending radius static	40 mm
Minimum bending radius dynamic	80 mm
Recommended coupling torque	7-9 in-lbs
Coupling nut retention force	≥60 lbs
Durability	≥500 cycles
Temperature range(Operation)	-40°C ~ +85°C
RoHS & REACH	Compliant

SMA-SMA-18L

Model		SMA-SMA-18L
<p>The diagram shows a side view of the SMA-SMA-18L cable assembly. It consists of two SMA male connectors (Connector:1 and Connector:2) at the ends. Between them is a central cable section. The cable section includes a tube, armor, and a label. Dimension 'A' represents the total length of the assembly, and dimension 'C' represents the length of the central cable section.</p>		
All dimensions are in mm; tolerances according to ISO 2768 c		
Parts		
Connector 1		SMA Male
Connector 2		SMA Male
Cable		RTK Flex 402-YB Low IL(or equivalent type)
Label		Label Stick
Tube		High temperature Shrinking tube
Armor		Stainless steel interlocked hose with PTFE wire(black+red) jacket
Specifications		
Frequency		DC ~ 18 GHz
Impedance		50 Ω
VSWR		≤1.25 to 18 GHz
Insertion loss ¹		≤2.3dB@DC~18GHz
Velocity of propagation		76%
Phase stability vs. Flexure		≤±10°@18 GHz (Wrapped around a 50mm diameter mandrel)
Amplitude stability vs. Flexure		≤±0.1 dB@18 GHz (Wrapped around a 50mm diameter mandrel)
Minimum bending radius		50.8 mm
Cable Diameter(with armor)		7.7 mm
Temperature range(Operation)		-40°C ~ +125°C
RoHS		Compliant
Length A		1000±10 mm
Length C		100±10 mm

¹ Nominal values @20°C ambient temperature

SMA-SMA-26L

Model		SMA-SMA-26L
All dimensions are in mm; tolerances according to ISO 2768 c		
Parts		
Connector 1	SMA Male	
Connector 2	SMA Male	
Cable	RTK 161-YB (or equivalent type)	
Label	Label Stick	
Tube	Shrinking tube	
Armor	Stainless steel interlocked hose with PTFE wire(black+red) jacket	
Specifications		
Frequency	DC ~ 26.5 GHz	
Impedance	50 Ω	
VSWR	≤1.3 to 26.5 GHz	
Insertion loss	≤2.0 dB@DC~18 GHz	
Velocity of propagation	76%	
Phase stability vs. Flexure	≤±8°@26.5 GHz (Wrapped around a 50mm diameter mandrel)	
Amplitude stability vs. Flexure	≤±0.2 dB@26.5 GHz (Wrapped around a 50mm diameter mandrel)	
Minimum bending radius	50.8 mm	
Cable Diameter(with armor)	7.7 mm	
Temperature range(Operation)	-40°C ~ +100°C	
RoHS	Compliant	
Length A	1000±10 mm	
Length C	200±10 mm	

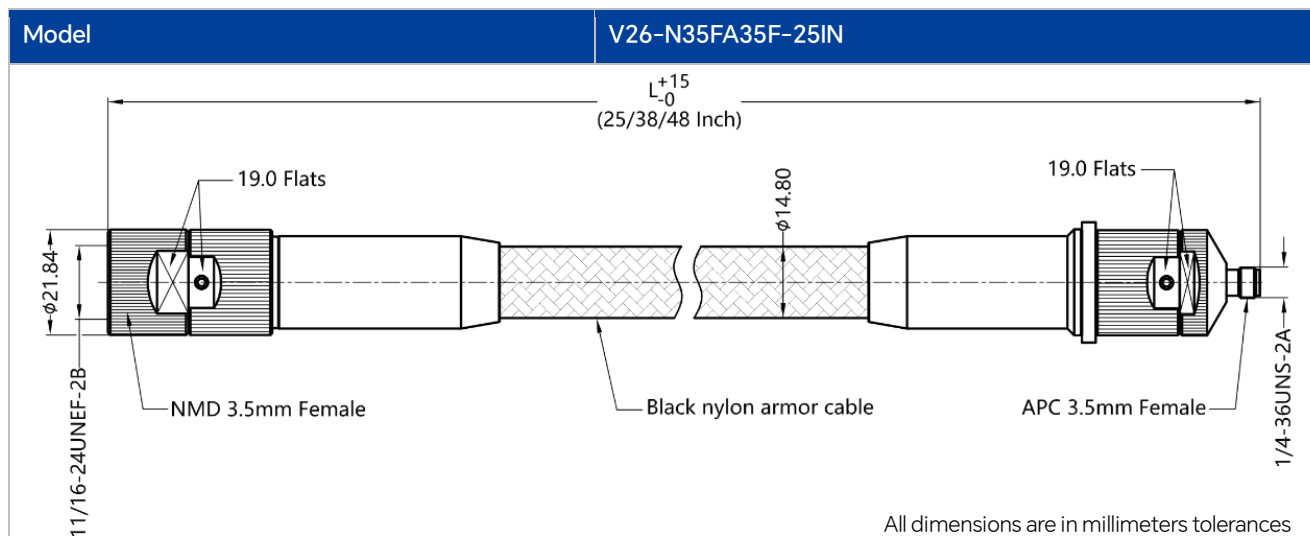
SMAF-SMA-26L

Model		SMAF-SMA-26L
<p>The diagram shows a side view of the SMAF-SMA-26L cable assembly. It consists of two SMA connectors (one male, one female) connected by a central cable. The cable is protected by a stainless steel interlocked armor and a PTFE jacket. A label is attached to the cable. Two tubes are used to protect the connectors. Dimension 'A' represents the total length of the assembly, and dimension 'C' represents the length of the cable section. Labels point to 'Connector:1', 'Tube', 'Armor', 'Cable', 'Label', 'Tube', and 'Connector:2'.</p>		
All dimensions are in mm; tolerances according to ISO 2768 c		
Parts		
Connector 1	SMA Male	
Connector 2	SMA Female	
Cable	RTK 161-YB (or equivalent type)	
Label	Label Stick	
Tube	Shrinking tube	
Armor	Stainless steel interlocked hose with PTFE wire(black+red) jacket	
Specifications		
Frequency	DC ~ 26.5 GHz	
Impedance	50 Ω	
VSWR	≤1.3 to 26.5 GHz	
Insertion loss	≤1.6dB@DC~18GHz, 2.0dB@18~26.5GHz	
Velocity of propagation	76%	
Phase stability vs. Flexure	≤±8°@26.5 GHz (Wrapped around a 50mm diameter mandrel)	
Amplitude stability vs. Flexure	≤±0.2 dB@26.5 GHz (Wrapped around a 50mm diameter mandrel)	
Minimum bending radius	38.5 mm	
Cable Diameter(with armor)	7.7 mm	
Temperature range(Operation)	-40°C ~ +125°C	
RoHS	Compliant	
Length A	1000±10 mm	
Length C	200±10 mm	

V26-N35MN35F-25IN

Model		V26-N35MN35F-25IN
All dimensions are in millimeters tolerances		
Parts		
Coupling nut & Body	Stainless steel, passivated	
Contact pin	Beryllium copper, gold plated	
Insulator	PEI & PEEK, natural	
Cable	Stainless steel double buckle black nylon armor	
Specifications		
Frequency	DC ~ 26.5 GHz	
Impedance	50 Ω	
VSWR	≤1.25	
Insertion loss	≤2.16 dB	
Velocity of propagation	76%	
Mechanical phase stability	≤±2.7°	
Mechanical amplitude stability	≤±0.08 dB	
Min. bending radius static	74 mm	
Min. bending radius dynamic	148 mm	
Recommended coupling torque	9-14 in-lbs	
Coupling nut retention force	100 lbs	
Durability	50,000 Cycles(FLEX)	
Voltage rating	325 Vrms	
Dielectric withstanding voltage	750V(DC)	
Insulation resistance	5000 MΩ	
Temperature range(Operation)	-40°C ~ +85°C	
RoHS & REACH	Compliant	
Length	635 mm	

V26-N35FA35F-25IN



Parts

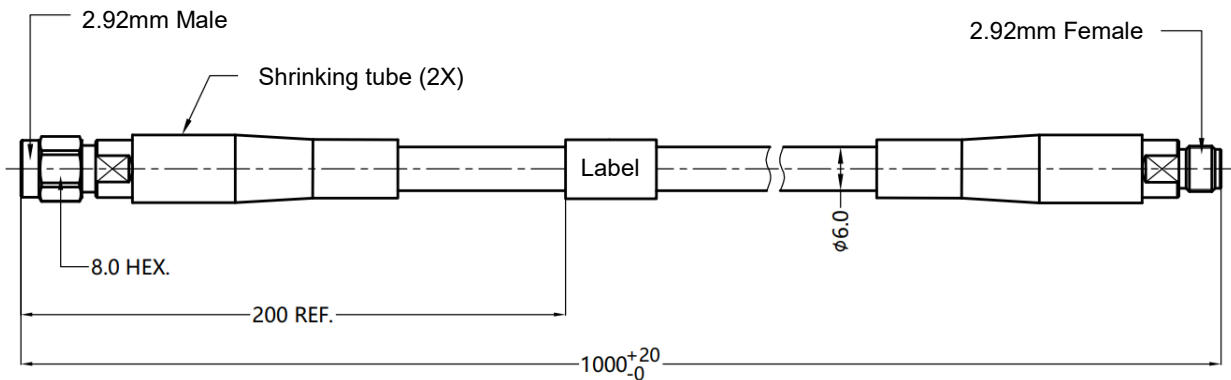
Coupling nut & Body	Stainless steel, passivated
Contact pin	Beryllium copper, gold plated
Insulator	PEI & PEEK, natural
Cable	Stainless steel double buckle black nylon armor

Specifications

Frequency	DC ~ 26.5 GHz
Impedance	50 Ω
VSWR	≤1.25
Insertion loss	≤2.16 dB
Velocity of propagation	76%
Mechanical phase stability	≤±2.7°
Mechanical amplitude stability	≤±0.08 dB
Min. bending radius static	74 mm
Min. bending radius dynamic	148 mm
Recommended coupling torque	9-14 in-lbs
Coupling nut retention force	100 lbs
Durability	50,000 Cycles(FLEX)
Voltage rating	325 Vrms
Dielectric withstanding voltage	750V(DC)
Insulation resistance	5000 MΩ
Temperature range(Operation)	-40°C ~ +85°C
RoHS & REACH	Compliant
Length	635 mm

S40-29M29F-1M

Model	S40-29M29F-1M
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All dimensions are in millimeters tolerances

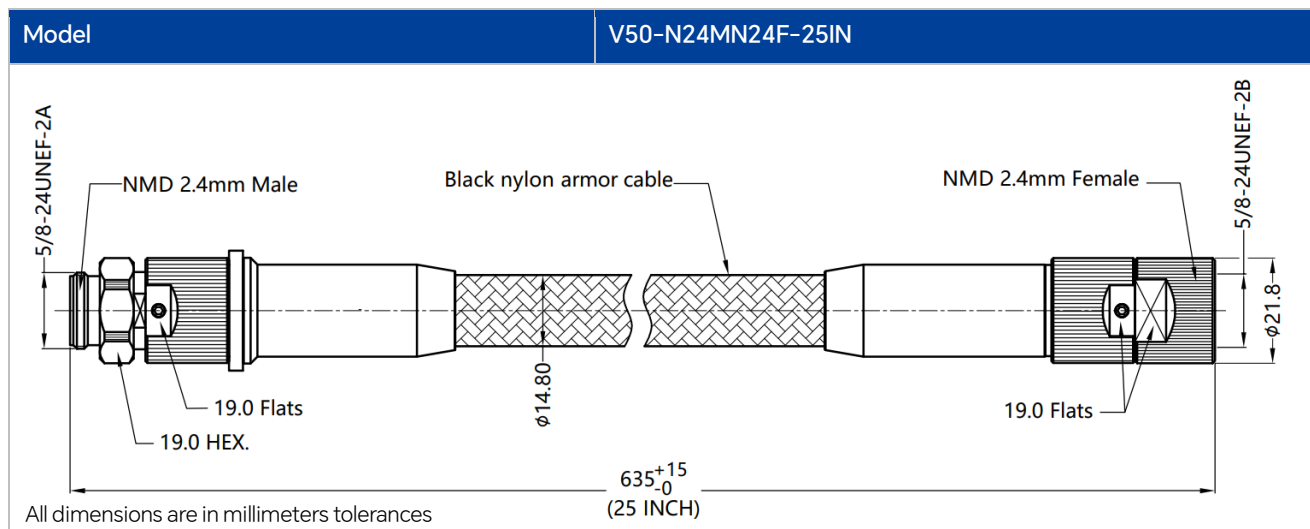
Parts	
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Connector 1	2.92mm Male
Connector 2	2.92mm Female
Cable	FSB330PK, Armored low pass phase stable cable (Black+Red)

Specifications	
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Frequency	DC ~ 40 GHz
Impedance	50 Ω
VSWR	≤1.30 @DC~40GHz
Insertion loss	≤3.80dB @DC~40GHz
Velocity of propagation	76%
Voltage rating	335V (rms)
Dielectric withstanding voltage	750V (DC)
Insulation resistance	3000MΩ
Mechanical phase stability	±9°
Mechanical amplitude stability	±0.1dB
Minimum bending radius static	30 mm
Minimum bending radius dynamic	60 mm
Recommended coupling torque	7-9 in-lbs(29M)
Coupling nut retention force	≥60 lbs(29M)
Durability	≥500 cycles
Temperature range(Operation)	-40°C ~ +85°C
RoHS & REACH	Compliant

V50-N24MN24F-25IN



Parts

Coupling nut & Body	Stainless steel, passivated
Contact pin	Beryllium copper, gold plated
Insulator	PEI & PEEK, natural
Cable	Stainless steel double buckle black nylon armor

Specifications

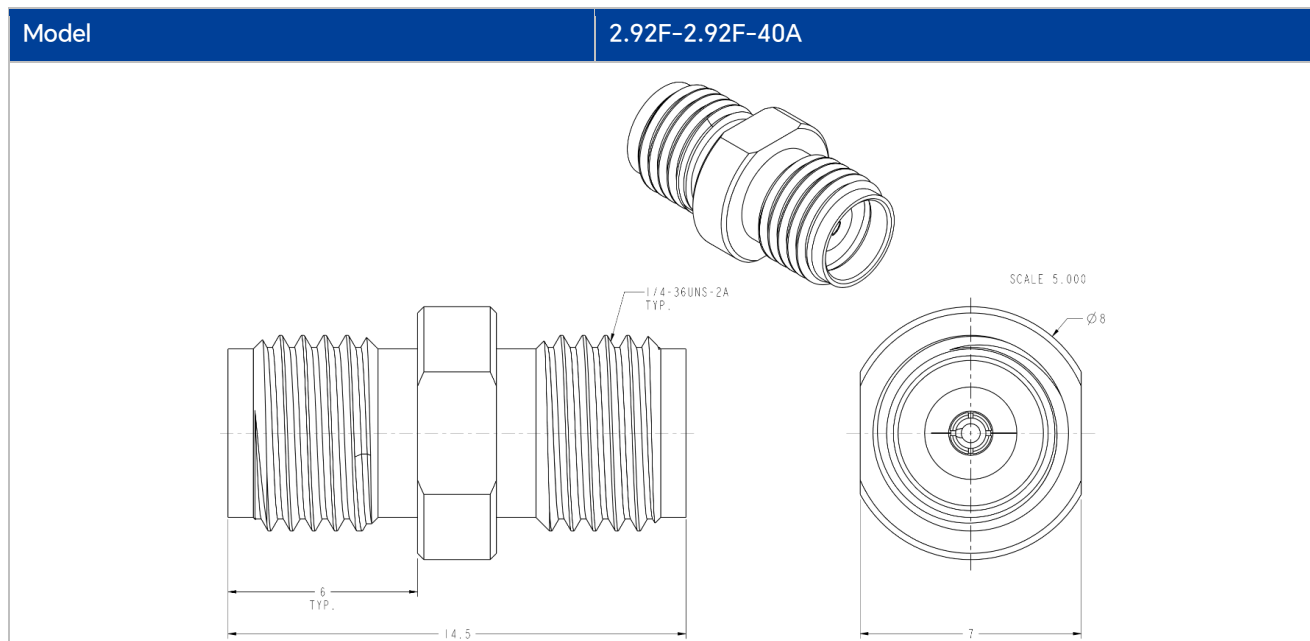
Frequency	DC ~ 50 GHz
Impedance	50 Ω
VSWR	≤1.35
Insertion loss	≤2.98 dB
Velocity of propagation	76%
Mechanical phase stability	≤±3.5°
Mechanical amplitude stability	≤±0.08 dB
Min. bending radius static	74 mm
Min. bending radius dynamic	148 mm
Recommended coupling torque	9-14 in-lbs
Coupling nut retention force	100 lbs
Durability	50,000 Cycles(FLEX)
Voltage rating	325 Vrms
Dielectric withstanding voltage	750V(DC)
Insulation resistance	5000 MΩ
Temperature range(Operation)	-40°C ~ +85°C
RoHS & REACH	Compliant
Length	635 mm

V50-N24FA24F-25IN

Model		V50-N24FA24F-25IN
All dimensions are in millimeters tolerances		
Parts		
Coupling nut & Body	Stainless steel, passivated	
Contact pin	Beryllium copper, gold plated	
Insulator	PEI & PEEK, natural	
Cable	Stainless steel double buckle black nylon armor	
Specifications		
Frequency	DC ~ 50 GHz	
Impedance	50 Ω	
VSWR	≤1.35	
Insertion loss	≤2.98 dB	
Velocity of propagation	76%	
Mechanical phase stability	≤±3.5°	
Mechanical amplitude stability	≤±0.08 dB	
Min. bending radius static	74 mm	
Min. bending radius dynamic	148 mm	
Recommended coupling torque	9-14 in-lbs	
Coupling nut retention force	100 lbs	
Durability	10,000 Cycles	
Voltage rating	325 Vrms	
Dielectric withstanding voltage	750V(DC)	
Insulation resistance	5000 MΩ	
Temperature range(Operation)	-40°C ~ +85°C	
RoHS & REACH	Compliant	
Length	635 mm	

射频连接器

2.92F-2.92F-40A



All dimensions are in millimeters tolerances

Parts

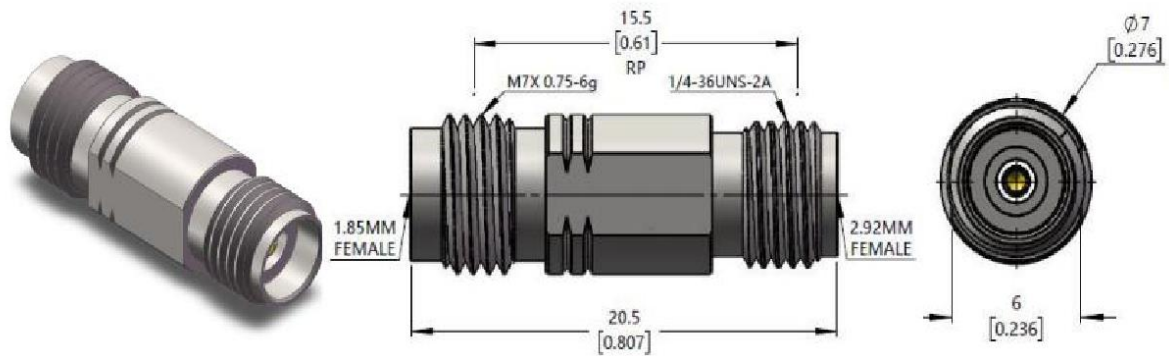
Connector	2.92mm Female – 2.92mm Female
Body	Stainless sheet, passivated
Contact	Beryllium copper, gold plated
Insulator	PEI, NATURAL

Specifications

Frequency	DC ~ 40 GHz
Impedance	50 Ω
VSWR	1.25 Max.
Insertion loss	0.3 dB Max.
Dielectric withstand voltage	1000 VRMS Min.
Temperature range(Operation)	-40°C ~ +85°C
Durability	2000 cycles

1.85F-2.92F-40A

Model	1.85F-2.92F-40A
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All dimensions are in millimeters tolerances

Parts	
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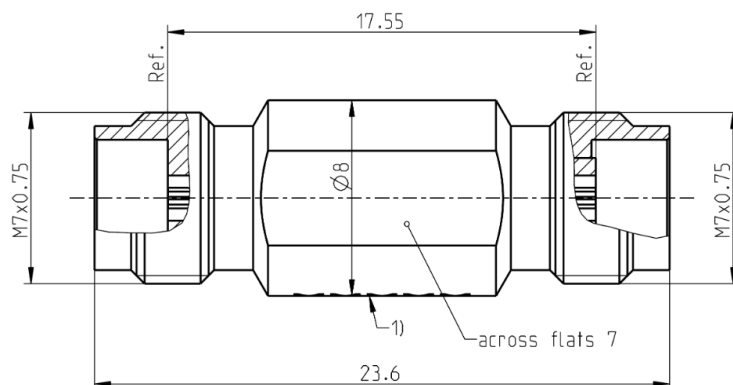
Connector	1.85mm Female - 2.92mm Female
Body	Stainless sheet, passivated
Contact	Beryllium copper, gold plated
Insulator	PEI

Specifications	
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Frequency	DC ~ 40 GHz
Impedance	50 Ω
VSWR	1.15 Typ ; 1.20 Max
Insertion loss	0.05* $\sqrt{f_{GHz}}$
Insulation Resistance	5000 MΩ
Temperature range(Operation)	-55°C ~ +165°C

1.85F-1.85F-67A

Model	1.85F-1.85F-67A
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All dimensions are in mm; tolerances according to ISO 2768 m-H

Parts	
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Connector	1.85mm Female – 1.85mm Female
Body	Stainless sheet, passivated
Contact	CuBe, gold plated
Insulator	PEEK

Specifications	
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Frequency	DC ~ 67 GHz
Impedance	50 Ω
Return loss	≥ 17 dB @ DC to 67 GHz
Insertion loss	≤ 0.05* $\sqrt{f_{GHz}}$
Insulation resistance	≥ 5 GΩ
Center contact resistance	≤ 4 mΩ
Outer contact resistance	≤ 2.5 mΩ
Test voltage	500 V rms
Working voltage	150 V rms
RF-leakage	≥ 100 dB up to 1.0 GHz
Mating cycles RPC-1.85	≥ 500
Center contact captivation	axial: ≥ 20 N, Radial: ≥ 1 Ncm
Coupling test torque	≤ 1.65 Nm
Recommended torque	0.8 Nm to 1.1 Nm
Temperature range	-55°C ~ +165°C
RoHS	Compliant

射频连接器套件

RAKA26



产品简介

鼎阳科技 RAKA26 是一款高性能的3.5mm & N型射频连接器套件，覆盖频率DC~18GHz / 26.5GHz，专为满足高精度微波和射频测试需求而设计。该套件包含了丰富的 3.5mm系列内连接器、N型系列内连接器和3.5mm & N型系列间连接器，配套专业的力矩扳手和呆扳手，并采用了ABS便携收纳盒，实现了从连接器到配件的一站式配齐，极大地方便了实验室、产线以及工程现场的日常测试与管理。

内容和性能指标

类型	描述	性能指标	数量
连接器	N Female - 3.5mm Female	DC~18GHz, VSWR 1.15:1(Max)	2
连接器	N Male - 3.5mm Female	DC~18GHz, VSWR 1.15:1(Max)	2
连接器	N Female - N Female	DC~18GHz, VSWR 1.15:1(Max)	1
连接器	N Male - N Male	DC~18GHz, VSWR 1.15:1(Max)	1
连接器	3.5mm Female - 3.5mm Female	DC~26.5GHz, VSWR 1.15:1(Max)	2
连接器	3.5mm Female - 3.5mm Male	DC~26.5GHz, VSWR 1.15:1(Max)	2
连接器	3.5mm Male - 3.5mm Male	DC~26.5GHz, VSWR 1.15:1(Max)	2
力矩扳手	开口8mm	力矩: 0.9Nm	1
力矩扳手	开口19mm	力矩: 1.35Nm	1
呆扳手	开口14mm		1
呆扳手	开口7mm		1
便携收纳盒	ABS塑料箱	尺寸: 236X181X49mm	1

一般技术规格	
连接器	
外导体	不锈钢SUS303 钝化
内导体	铍青铜 镀金
绝缘体	PEI
螺帽	不锈钢SUS303 钝化
特性阻抗	50Ω
耐久性	> 2000次
温度范围	-55°C ~ +165°C
RoHS	Compliant

 RAKA50


产品简介

鼎阳科技 RAKA50 是一款高性能的2.4mm & 2.92mm射频连接器套件，覆盖频率DC~40GHz / 50GHz，专为满足高精度微波和射频测试需求而设计。该套件包含了丰富的2.4mm系列内连接器、2.92mm系列内连接器和2.4mm & 2.92mm系列间连接器，配套专业的力矩扳手和呆扳手，并采用了ABS便携收纳盒，实现了从连接器到配件的一站式配齐，极大地方便了实验室、产线以及工程现场的日常测试与管理。

内容和性能指标

类型	描述	性能指标	数量
连接器	2.4mm Female -2.4mm Female	DC~50GHz, VSWR 1.15:1(Max)	2
连接器	2.4mm Female -2.4mm Male	DC~50GHz, VSWR 1.15:1(Max)	1
连接器	2.4mm Male -2.4mm Male	DC~50GHz, VSWR 1.15:1(Max)	2
连接器	2.4mm Female -2.92mm Female	DC~40GHz, VSWR 1.15:1(Max)	2
连接器	2.4mm Female -2.92mm Male	DC~40GHz, VSWR 1.15:1(Max)	2
连接器	2.4mm Male -2.92mm Female	DC~40GHz, VSWR 1.15:1(Max)	2
连接器	2.4mm Male -2.92mm Male	DC~40GHz, VSWR 1.15:1(Max)	2
连接器	2.92mm Female -2.92mm Female	DC~40GHz, VSWR 1.15:1(Max)	2
连接器	2.92mm Female -2.92mm Male	DC~40GHz, VSWR 1.15:1(Max)	1
连接器	2.92mm Male -2.92mm Male	DC~40GHz, VSWR 1.15:1(Max)	2
力矩扳手	开口8mm	力矩: 0.9Nm	1
呆扳手	开口6mm		1
呆扳手	开口7mm		1
便携收纳盒	ABS塑料箱	尺寸: 236X181X49mm	1

一般技术规格	
连接器	
外导体	不锈钢SUS303 钝化
内导体	镀青铜 镀金
绝缘体	PEI
螺帽	不锈钢SUS303 钝化
特性阻抗	50Ω
耐久性	> 2000次
温度范围	-55°C ~ +165°C
RoHS	Compliant

通用工具套件

UKitSSA3X



内容和性能指标

类型	描述	性能指标	数量
线缆	N Male - SMA Male	DC ~ 6 GHz, VSWR<1.25, Insertion loss < 1.8dB, 700 mm	1
线缆	N Male - N Male	DC ~ 6 GHz, VSWR<1.25, Insertion loss < 1.8dB, 700 mm	1
连接器	N Male - BNC Female	DC ~ 2 GHz, VSWR<1.2	2
连接器	N Male - SMA Female	DC ~ 6 GHz, VSWR<1.2	2
衰减器	10 dB衰减器, N Male - N Female	DC ~ 6 GHz, VSWR<1.2, Power:1 W, 50 mm×16 mm	1
手提包		尺寸: 260X250X65mm	1

一般技术规格

线缆	
特性阻抗	50Ω
介质耐压	≥1000V
绝缘电阻	≥5000MΩ
温度范围	-55℃ ~ +85℃
最小弯曲半径	25mm
连接器	
特性阻抗	50Ω
介质耐压	≥1000V
绝缘电阻	≥5000MΩ

耐久性	500次
温度范围	-65°C ~ +125°C
衰减器	
特性阻抗	50Ω
温度范围	-55° C ~ +125° C

一般技术规格

说明	特性
包装和存储环境	
射频线缆	连接器专用防尘帽封装。 组件弯曲和包装时，弯曲半径不应小于线缆最小弯曲半径（minimum bending radius）的5倍。 产品的储存条件为：-10°C ~ +40°C，相对湿度不超过80%，周围空气无酸性、碱性等腐蚀性气体。
射频连接器	连接器专用防尘帽封装。 产品的储存条件为：-10°C ~ +40°C，相对湿度不超过80%，周围空气无酸性、碱性等腐蚀性气体。

订购信息

产品类型	产品型号	产品说明
射频线缆	N-BNC-2L	N 公头转 BNC 公头, 2 GHz 带宽, 长度 700 mm
	N-N-6L	N 公头转 N 公头, 6 GHz 带宽, 长度 700 mm
	N-SMA-6L	N 公头转 SMA 公头, 6 GHz 带宽, 长度 700 mm
	S06-NMSF-1M	N 公头转 SMA 母头, 6 GHz 带宽, 长度 1000 mm
	N-N-18L	N 公头转 N 公头, 18 GHz 带宽, 长度 1000 mm
	N-SMA-18L	N 公头转 SMA 公头, 6 GHz 带宽, 长度 700 mm
	S18-NMSF-1M	N 公头转 SMA 母头, 18 GHz 带宽, 长度 1000 mm
	SMA-SMA-18L	SMA 公头转 SMA 公头, 18 GHz 带宽, 长度 1000 mm
	SMA-SMA-26L	SMA 公头转 SMA 公头, 26.5 GHz 带宽, 长度 1000 mm
	SMAF-SMA-26L	SMA 公头转 SMA 母头, 26.5 GHz 带宽, 长度 1000 mm
	V26-N35MN35F-25IN	NMD 3.5 mm 公头转 NMD 3.5 mm 母头, 26.5 GHz 带宽, 长度 635 mm
	V26-N35FA35F-25IN	NMD 3.5 mm 母头转 APC 3.5 mm 母头, 26.5 GHz 带宽, 长度 635 mm
	S40-29M29F-1M	2.92 mm 公头转 2.92 mm 母头, 40 GHz 带宽, 长度 1000 mm
	V50-N24MN24F-25IN	NMD 2.4 mm 母头转 NMD 2.4 mm 公头, 50 GHz 带宽, 长度 635 mm
	V50-N24FA24F-25IN	NMD 2.4 mm 母头转 APC 2.4 mm 母头, 50 GHz 带宽, 长度 635 mm
射频连接器	2.92F-2.92F-40A	2.92 mm 母头转 2.92 mm 母头转接头, 40 GHz 带宽
	1.85F-2.92F-40A	1.85 mm 母头转 2.92 mm 母头转接头, 40 GHz 带宽
	1.85F-1.85F-67A	1.85 mm 母头转 1.85 mm 母头转接头, 67 GHz 带宽
射频连接器套件	RAKA26	内含3.5mm系列内连接器、N型系列内连接器、3.5mm & N型系列间连接器、配套扳手和便携收纳盒
	RAKA50	内含2.4mm系列内连接器、2.92mm系列内连接器、2.4mm & 2.92mm系列间连接器、配套扳手和便携收纳盒
通用工具套件	UKitSSA3X	内含N(M)-SMA(M) 线缆, N(M)-N(M) 线缆, N(M)-BNC(F) 适配器 x2, N(M)-SMA(F) 适配器 x2, 10 dB 1W 衰减器和手提包

关于鼎阳


鼎阳科技 (SIGLENT) 是通用电子测试测量仪器领域的行业领军企业, A 股上市公司。

2002 年, 鼎阳科技创始人开始专注于示波器研发, 2005 年成功研制出鼎阳第一款数字示波器。历经多年发展, 鼎阳产品已扩展到数字示波器、手持示波表、频谱分析仪、函数/任意波形发生器、矢量网络分析仪、射频/微波信号源、台式万用表、直流电源、电子负载、精密源表等基础测试测量仪器产品, 是全球极少数能够同时研发、生产、销售数字示波器、信号发生器、频谱分析仪和矢量网络分析仪四大通用电子测试测量仪器主力产品的厂家之一, 国家重点“小巨人”企业。同时也是国内主要竞争对手中极少数同时拥有这四大主力产品并且四大主力产品全线进入高端领域的厂家。公司总部位于深圳, 在马来西亚槟城州设有生产基地, 在美国克利夫兰、德国奥格斯堡、日本东京成立了子公司, 在成都成立了分公司, 产品远销全球 80 多个国家和地区, SIGLENT 已经成为全球知名的测试测量仪器品牌。

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