

核心价值观：精益经营、精细管理、精密制造、精心服务
质量方针：质量第一、顾客满意，信誉为本，规范管理

蓝箭成立于九十年代，是生产连接器、微波元件、电缆组件等产品的专业制造商，同时也为客户提供产品综合解决方案。公司坐落在国家级镇江经济技术开发区——科技新城，是一家高新技术企业，在北京、上海、深圳、安徽均设有办事处。

公司严格按照GJB, GB/T, MIL, IEC及IEEE等产品标准进行产品的研制开发和生产，已发布多项产品标准和技术专利。

公司所生产的各类产品已覆盖DC-110GHz，广泛应用于国防军工，航天航空、卫星导航、通信电子、仪器仪表、石油能源及医疗行业。

LANJIAN is a high technology enterprise located in Zhenjiang, Jiangsu Province, with offices in Beijing, Shanghai, Shenzhen, Anhui, and Houston (USA), founded in 1999.

As global solution provider, **LANJIAN** is specialized in the manufacturing of high end connectors, microwave components, cable assemblies, and customized products.

Creation, innovation, operational strength, top quality, continuous improvement, wide selection of products, and professional customer service, are **LANJIAN's** forces to become your favorite connectors' brand, to provide reliable replacement solutions to imported products, by our wide selection of products; to be the reference brand for high-end connectors Made in China.

LANJIAN has developed and patented many products and technologies. Products developments, designs, and manufacturing, are realized on a strict respect of the required standards, such as MIL, ESA, IEEE, IEC, and others, for the entire satisfaction of our customers.



LANJIAN
ELECTRONICS

蓝箭--源源不断的连接方案



产品概要
PRODUCTS OVERVIEW



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电缆组件 CABLES ASSEMBLIES

SMPS



频率	Frequency	DC - 100GHz
绝缘电阻	Insulation resistance	$\geq 3000 M\Omega$
耐电压	Withstand voltage	$\geq 250 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 6.0 m\Omega$ Outer contact: $\leq 2.0 m\Omega$
电压驻波比	VSWR	1.1:1, DC - 26.5GHz typical 1.3:1, 26.5 - 65GHz
射频泄露	RF leakage	-80dB (typical mated pair)

SMPM

IEC61169-60



频率	Frequency	DC - 65GHz
绝缘电阻	Insulation resistance	$\geq 5000 M\Omega$
耐电压	Withstand voltage	$\geq 325 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 6.0 m\Omega$ Outer contact: $\leq 2.0 m\Omega$
电压驻波比	VSWR	1.10:1 max. DC - 26.5GHz typical 1.35:1 max. 26.5 - 65GHz typical
射频泄露	RF leakage	-80dB, DC - 3GHz -65dB, 3 - 65GHz

SMP

IEC61169-44 : 2012



频率	Frequency	DC - 40GHz
绝缘电阻	Insulation resistance	$\geq 5000 M\Omega$
耐电压	Withstand voltage	$\geq 500 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 6.0 m\Omega$ Outer contact: $\leq 3.0 m\Omega$
电压驻波比	VSWR	1.15:1, DC - 26.5GHz 1.30:1, 26.5 - 40GHz
射频泄露	RF leakage	-80dB, DC - 3GHz -65dB, 3 - 26.5GHz



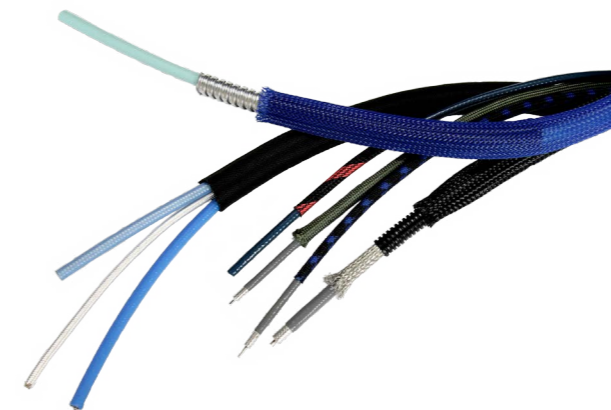
Flexible cables 柔软电缆

Low loss stable phase cables 柔软低损稳相电缆



Testing cables 测试电缆

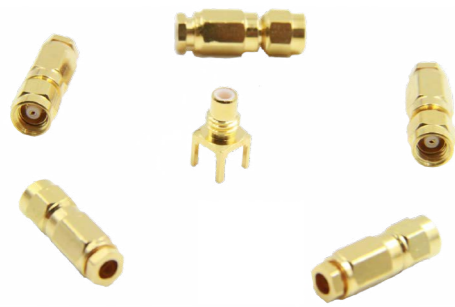
Semi-rigid cables 半硬电缆



Customized Cables 定制电缆

SMC

IEC60169-9 : 1978



频率	Frequency	DC - 6GHz
绝缘电阻	Insulation resistance	$\geq 1\text{ G}\Omega$
耐电压	Withstand voltage	$\geq 750\text{ VRMS}$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 5.0\text{ m}\Omega$ Outer contact: $\leq 2.5\text{ m}\Omega$
电压驻波比	VSWR	1.25:1, DC - 3GHz 1.40:1, DC - 6GHz
射频泄露	RF leakage	$\geq 90\text{ dB @ 1GHz}$

1.0mm

IEC61169-31 : 1999
IEEE 287 Annex J



频率	Frequency	DC - 110GHz
绝缘电阻	Insulation resistance	$\geq 5\text{ G}\Omega$
耐电压	Withstand voltage	$\geq 500\text{ VRMS}$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 4.0\text{ m}\Omega$ Outer contact: $\leq 1.0\text{ m}\Omega$
电压驻波比	VSWR	1.27:1, DC - 50GHz 1.38:1, 50 - 100GHz
射频泄露	RF leakage	$\geq 90\text{ dB @ 1GHz}$

Type F

IEC61169-24 : 2009



频率	Frequency	DC - 3GHz
绝缘电阻	Insulation resistance	$\geq 1\text{ G}\Omega$
耐电压	Withstand voltage	$\geq 750\text{ VRMS}$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 5.0\text{ m}\Omega$ Outer contact: $\leq 2.5\text{ m}\Omega$
电压驻波比	VSWR	1.10:1, DC - 1GHz 1.25:1, 1 - 3GHz
射频泄露	RF leakage	$\geq 90\text{ dB @ 1GHz}$

1.85mm

IEC61169-32 : 1999
IEEE287 Annex I



频率	Frequency	DC - 65GHz
绝缘电阻	Insulation resistance	$\geq 5\text{ G}\Omega$
耐电压	Withstand voltage	$\geq 500\text{ VRMS}$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 4.0\text{ m}\Omega$ Outer contact: $\leq 2.5\text{ m}\Omega$
电压驻波比	VSWR	1.10:1, DC - 18GHz 1.15:1, 18 - 26.5GHz 1.35:1, 26.5 - 65GHz
射频泄露	RF leakage	$\geq 100\text{ dB @ 1GHz}$

1.6/5.6

IEC60169-13 : 1976



频率	Frequency	DC - 1GHz
绝缘电阻	Insulation resistance	$\geq 10\text{ G}\Omega$
耐电压	Withstand voltage	$\geq 1000\text{ VRMS}$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 4.0\text{ m}\Omega$ Outer contact: $\leq 2.0\text{ m}\Omega$
电压驻波比	VSWR	1.25:1, @ 1GHz
射频泄露	RF leakage	$\geq 100\text{ dB @ 1GHz}$

2.4mm

IEC61169-40 : 2010
IEEE287 Annex H



频率	Frequency	DC - 50GHz
绝缘电阻	Insulation resistance	$\geq 1000\text{ M}\Omega$
耐电压	Withstand voltage	$\geq 500\text{ VRMS}$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 4.0\text{ m}\Omega$ Outer contact: $\leq 2.5\text{ m}\Omega$
电压驻波比	VSWR	1.10:1, DC - 18GHz 1.15:1, 18 - 26.5GHz 1.30:1, 26.5 - 50GHz
射频泄露	RF leakage	$\geq 100\text{ dB @ 1GHz}$

2.92mm

IEC61169-35 : 2011
IEEE287 Annex G



频率	Frequency	DC - 40GHz
绝缘电阻	Insulation resistance	$\geq 5000 M\Omega$
耐电压	Withstand voltage	$\geq 750 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 3.0 m\Omega$ Outer contact: $\leq 2.0 m\Omega$
电压驻波比	VSWR	1.10:1, DC - 26.5GHz 1.25:1, 26.5 - 40GHz
射频泄露	RF leakage	$\leq -100dB @ 1GHz$

MCX

IEC61169-36 : 1996



频率	Frequency	DC - 6GHz
绝缘电阻	Insulation resistance	$\geq 1 G\Omega$
耐电压	Withstand voltage	$\geq 500 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 5.0 m\Omega$ Outer contact: $\leq 2.5 m\Omega$
电压驻波比	VSWR	1.20:1, DC - 1GHz 1.35:1, 1 - 3GHz
射频泄露	RF leakage	$\geq 70dB @ 1GHz$

3.5mm

IEC60169-23 : 1991
IEEE287 Annex F



频率	Frequency	DC - 33GHz
绝缘电阻	Insulation resistance	$\geq 5000M\Omega$
耐电压	Withstand voltage	$\geq 1000 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 3.0 m\Omega$ Outer contact: $\leq 2.0 m\Omega$
电压驻波比	VSWR	1.15:1, DC - 26.5GHz
射频泄露	RF leakage	100dB @ 1GHz

MMCX

IEC61169-52 : 2015



频率	Frequency	DC - 6GHz
绝缘电阻	Insulation resistance	$\geq 1000 M\Omega$
耐电压	Withstand voltage	$\geq 500 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 5.0 m\Omega$ Outer contact: $\leq 2.5 m\Omega$
电压驻波比	VSWR	1.25:1, DC - 4GHz 1.40:1, 4 - 6GHz
射频泄露	RF leakage	$\geq 60db @ 1GHz$

SSMA

IEC61169-18 : 2011



频率	Frequency	DC - 35GHz
绝缘电阻	Insulation resistance	$\geq 1 G\Omega$
耐电压	Withstand voltage	$\geq 750 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 4.0 m\Omega$ Outer contact: $\leq 2.5 m\Omega$
电压驻波比	VSWR	1.10:1, DC - 18GHz 1.15:1, 18 - 26.5GHz 1.25:1, 26.5 - 35GH
射频泄露	RF leakage	90dB @ 1GHz

BNC

IEC61169-8 : 2007



频率	Frequency	DC - 4GHz
绝缘电阻	Insulation resistance	$\geq 5 G\Omega$
耐电压	Withstand voltage	$\geq 1500VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 1.5 m\Omega$ Outer contact: $\leq 1.0 m\Omega$
电压驻波比	VSWR	1.30:1, DC - 4GHz
射频泄露	RF leakage	$\geq 55dB @ 3GHz$

SMB

IEC60169-10 : 1983



频率	Frequency	DC - 4GHz
绝缘电阻	Insulation resistance	$\geq 1 G\Omega$
耐电压	Withstand voltage	$\geq 750 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 5.0 m\Omega$ Outer contact: $\leq 2.5 m\Omega$
电压驻波比	VSWR	1.20:1, DC - 1GHz 1.35:1, 1 - 4GHz
射频泄露	RF leakage	$\geq 70dB @ 1GHz$

BMA

IEC61169-33 : 1996



频率	Frequency	DC - 18GHz
绝缘电阻	Insulation resistance	$\geq 5 G\Omega$
耐电压	Withstand voltage	$\geq 750 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 3.0 m\Omega$ Outer contact: $\leq 2.0 m\Omega$
电压驻波比	VSWR	1.25 @ 18GHz
射频泄露	RF leakage	-85 dB @ 1GHz

SSMB

IEC61169-19 : 2011



频率	Frequency	DC - 3GHz
绝缘电阻	Insulation resistance	$\geq 1000M\Omega$
耐电压	Withstand voltage	$\geq 500 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 5.0 m\Omega$ Outer contact: $\leq 2.5 m\Omega$
电压驻波比	VSWR	1.20:1, DC - 1GHz 1.35:1, 1 - 3GHz
射频泄露	RF leakage	$\geq 40dB @ 1GHz$

SBMA

IEC61169-58 : 2016
ESA/SCC 3402/011



频率	Frequency	DC - 28GHz
绝缘电阻	Insulation resistance	$\geq 1000M\Omega$
耐电压	Withstand voltage	$\geq 675 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 8.0 m\Omega$ Outer contact: $\leq 4.0 m\Omega$
电压驻波比	VSWR	1.35 @ 28GHz
射频泄露	RF leakage	85dB @ 1GHz

1.0/2.3

IEC61169-29 : 2005



频率	Frequency	DC - 10GHz
绝缘电阻	Insulation resistance	$\geq 1 G\Omega$
耐电压	Withstand voltage	$\geq 750 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 4.0 m\Omega$ Outer contact: $\leq 2.5 m\Omega$
电压驻波比	VSWR	1.15:1, DC - 4GHz 1.35:1, 4 - 8GHz
射频泄露	RF leakage	$\geq 70dB @ 1GHz$

MULTI-PIN

MIL-DTL-38999



频率	Frequency	DC - 18GHz
绝缘电阻	Insulation resistance	$\geq 5000 M\Omega$
耐电压	Withstand voltage	$\geq 1000 VRMS$, at sea level
接触电阻	Contact resistance	Central contact: $\leq 3.0 m\Omega$ Outer contact: $\leq 2.0 m\Omega$
电压驻波比	VSWR	$\leq 1.05+0.015f$ (GHz)
射频泄露	RF leakage	$\leq -100dB$

SMAA / SMA

IEC60169-15 : 1979

IEC61169-49 : 2014



频率	Frequency	DC - 27GHz
绝缘电阻	Insulation resistance	≥ 5000 MΩ
耐电压	Withstand voltage	≥ 750 VRMS, at sea level
接触电阻	Contact resistance	Central contact: ≤ 3.0 mΩ Outer contact: ≤ 2.5 mΩ
电压驻波比	VSWR	1.10:1, DC - 18GHz 1.15:1, 18 - 27GHz
射频泄露	RF leakage	≥ 100dB @ 1GHz

TNCA / TNC

IEC60169-17 : 1980

IEC61169-26 : 2013



频率	Frequency	DC - 18GHz
绝缘电阻	Insulation resistance	≥ 5000 MΩ
耐电压	Withstand voltage	≥ 1500 VRMS, at sea level
接触电阻	Contact resistance	Central contact: ≤ 1.5 mΩ Outer contact: ≤ 0.4 mΩ
电压驻波比	VSWR	1.30:1, DC - 18GHz
射频泄露	RF leakage	≥ 90dB @ 1GHz

Type N

IEC61169-16 : 2006

IEEE287 Annex E



频率	Frequency	DC - 18GHz
绝缘电阻	Insulation resistance	≥ 5 GΩ
耐电压	Withstand voltage	≥ 2500 VRMS, at sea level
额定功率	Power rating	300W at 2GHz
三阶互调	Intermodulation IM3	-155dBc, 2x20W
接触电阻	Contact resistance	Central contact: ≤ 1.5 mΩ Outer contact: ≤ 1.0 mΩ
电压驻波比	VSWR	1.15:1, DC - 18GHz
射频泄露	RF leakage	≤ 90dB @ 1GHz

4.1-9.5

IEC61169-11 : 2017



频率	Frequency	DC - 14GHz
绝缘电阻	Insulation resistance	≥ 5000 MΩ
耐电压	Withstand voltage	≥ 2500 VRMS, at sea level
额定功率	Power rating	500W @ 2GHz
三阶互调	Intermodulation IM3	166dBc, 2x20W
接触电阻	Contact resistance	Central contact: ≤ 1.0 mΩ Outer contact: ≤ 1.3 mΩ
电压驻波比	VSWR	1.10:1, DC - 4GHz 1.30:1, 4 - 14GHz
射频泄露	Shielding effectiveness	≥ 114dB, @ 1GHz

4.3-10

IEC61169-54 : 2016



频率	Frequency	DC - 6GHz
绝缘电阻	Insulation resistance	≥ 5000 MΩ
耐电压	Withstand voltage	≥ 2500 VRMS, at sea level
额定功率	Power rating	500W @ 2GH
三阶互调	Intermodulation IM3	-160dBc, 2x40W
接触电阻	Contact resistance	Central contact: ≤ 1.0 mΩ Outer contact: ≤ 1.0 mΩ
电压驻波比	VSWR	1.05:1, DC - 6GHz (Interface only)
射频泄露	Shielding effectiveness	≥ 110dB, DC - 6GHz, Screw Type ≥ 90dB, DC - 3GHz, Push-Pull/Hand Screw Type

7/16

IEC61169-4 : 2008



频率	Frequency	DC - 7.5GHz
绝缘电阻	Insulation resistance	≥ 10 GΩ
耐电压	Withstand voltage	≥ 3000 VRMS, at sea level
三阶互调	Intermodulation IM3	-155dBc, 2x20W
接触电阻	Contact resistance	Central contact: ≤ 0.4 mΩ Outer contact: ≤ 1.5 mΩ
电压驻波比	VSWR	1.20:1, DC - 7.5GHz
射频泄露	RF leakage	110dB @ 1 GHz