



国昌科技
GC TECHNOLOGY

ZEESEA
Interconnect

高功率连接器及线缆组件

High Power Connectors and Cable Assembly

01

产品简介

Product Introduction

在高功率领域，我司开发的射频连接器系列有：7/16, LC, HN, N, SC系列螺纹式连接器，C系列卡口式连接器及DS, QRM, SQS系列快插式连接器。同时开发了RG393, RG217, SFT600, HPL-218等高功率线缆组件。

In the field of high power, the RF connector series developed by our company are : 7/16, LC, HN, N, SC series threaded connector, C series bayonet connector and QDS, QRM, SQS series quick plug connector. At the same time, high power cable components such as RG393, RG217, SFT600 and HPL-218 have been developed.

02

产品特点

Product Features

- 频率范围：DC~3GHz
- 绝缘耐电压：5000V rms Max.
- 功率：5KW@500MHz Max.
- 螺纹式连接、卡口式连接、快插式连接
- Frequency range: DC ~ 3GHz
- DWV: 5000V rms Max.
- Power : 5KW@ 500MHz Max.
- Screw coupling, Bayonet lock, Quick lock

03

应用范围

Application scope

半导体制造设备 Semi-Conductor Manufacturing Equipment

太阳能电池板制造设备 Solar Panel Manufacturing Equipment

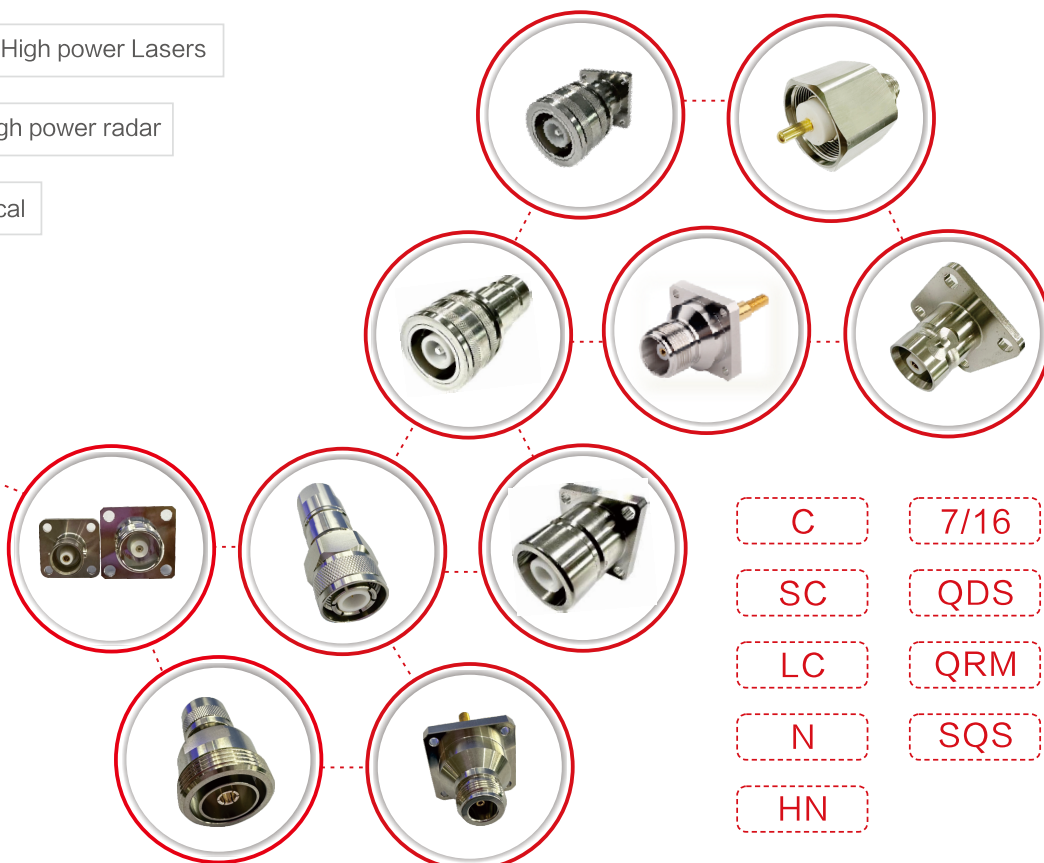
高功率激光器 High power Lasers

高功率雷达 High power radar

医疗设备 Medical

连接器
种类

Type of
connector



C

7/16

SC

QDS

LC

QRM

N

SQS

HN

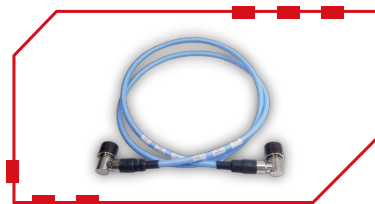
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04 线缆规格

Cable specifications

线缆类型 Cable Type	阻抗 Impedance	频率范围 Frequency Range	衰 减 Attenuation(db/100m,@100mhz)	线缆外径 Cable Od(mm)	功 率 Power(kw Cw,@100mhz)
RG393	50Ω	3GHz	2.1dB	9.9 mm	4.6
RG217	50Ω	3GHz	1.7dB	13.8mm	1.5
SFT-600	50Ω	3GHz	1.0dB	14.5 mm	13.6
HPL-218	50Ω	3GHz	0.9dB	21.5 mm	17.6

05 连接器选型指南

Connector Selection Guide

线缆组件 Cable Assembly		线 缆 Cable			
连接器系列 Connector Series	连接器类型 Connector Type	RG393	RG217	SFT-600	HPL-218
7/16	Male ST	•	•	•	•
	Male RA	•	•	•	•
LC	Male ST	•	•	•	•
	Male RA	•	•	•	•
HN	Male ST	•	•	•	
	Male RA	•	•	•	
N	Male ST	•	•		
	Male RA	•	•		
QDS	Male ST	•	•	•	
	Male RA	•	•	•	
QRM	Male ST	•	•	•	•
	Male RA	•	•	•	•
SQS	Male ST	•	•	•	•
	Male RA	•	•	•	•

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