

# 2.92mm STABLE AMPLITUDE & STABLE PHASE LOW LOSS CABLE ASSEMBLY

## Specifications of 2.92mm/M-2.92mm/M Stable Amplitude & Stable Phase Low Loss Cable Assembly

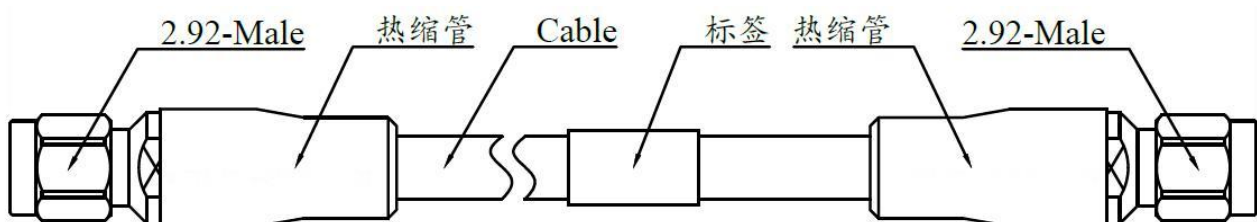
Mechanical & Electrical Specification:

Model	2.92/M-2.92/M-CXN3507-1.0M
Frequency Range	DC~40GHz
Connector	2.92mm Male to 2.92mm Male
Cable	CXN3507
Cable Length	1 meter
Impedance	50Ω
VSWR	≤1.25
Insertion Loss	≤3.0dB (1m@40GHz)
Working Voltage	335V max
Withstand Voltage	1000V rms
Insulation Resistance	5000MΩ
Contact Resistance	Center Contact ≤3MΩ
	Outer Contact ≤2MΩ
Temperature Range	-45°C~+165°C

Material & Plating:

Connector	Material	Plating	Cable	Material	Diameter
Shell	SUS303	Passivation	Inner conductor	SC	0.91mm
Contact PIN	Berylium	Gold Plated	Insulator	LD PTFE	2.50mm
Socket	Berylium	Gold Plated	Outer Screen	SC	3.11mm
Crimping Suite	Berylium	Gold Plated	Outer Sheath	FEP Grey	3.60mm
Insulator	PEI				

Dimensions:



Note: The drawing only for reference, please make the object as the standard.



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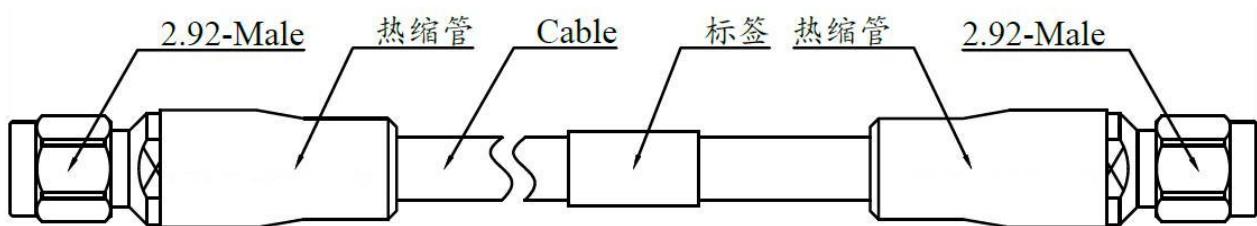
Mechanical & Electrical Specification:

Model	2.92/M-2.92/M-CXN3507-3.0M
Frequency Range	DC~40GHz
Connector	2.92mm Male to 2.92mm Male
Cable	CXN3507
Cable Length	3 meter
Impedance	50Ω
VSWR	≤1.30
Insertion Loss	≤8.2dB (3m@40GHz)
Working Voltage	335V max
Withstand Voltage	1000V rms
Insulation Resistance	5000MΩ
Contact Resistance	Center Contact ≤3MΩ
	Outer Contact ≤2MΩ
Temperature Range	-45°C~+165°C

Material & Plating:

Connector	Material	Plating	Cable	Material	Diameter
Shell	SUS303	Passivation	Inner conductor	SC	0.91mm
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Socket	Beryllium	Gold Plated	Outer Screen	SC	3.11mm
Crimping Suite	Beryllium	Gold Plated	Outer Sheath	FEP Grey	3.60mm
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Dimensions:



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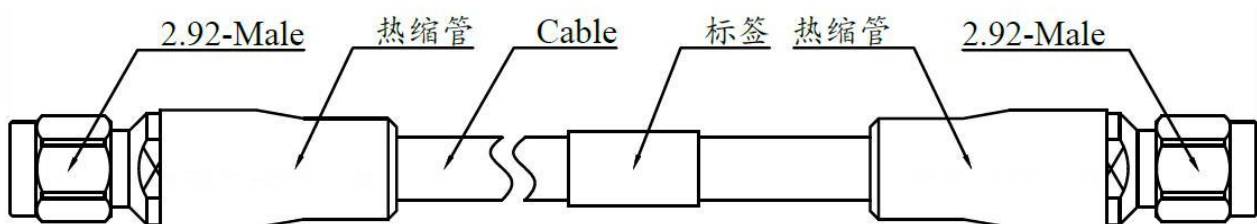
Mechanical & Electrical Specification:

Model	2.92/M-2.92/M-CXN3507-5.0M
Frequency Range	DC~40GHz
Connector	2.92mm Male to 2.92mm Male
Cable	CXN3507
Cable Length	5 meter
Impedance	50Ω
VSWR	≤1.30
Insertion Loss	≤13.4dB (5m@40GHz)
Working Voltage	335V max
Withstand Voltage	1000V rms
Insulation Resistance	5000MΩ
Contact Resistance	Center Contact ≤3MΩ
	Outer Contact ≤2MΩ
Temperature Range	-45°C~+165°C

Material & Plating:

Connector	Material	Plating	Cable	Material	Diameter
Shell	SUS303	Passivation	Inner conductor	SC	0.91mm
Contact PIN	Beryllium	Gold Plated	Insulator	LD PTFE	2.50mm
Socket	Beryllium	Gold Plated	Outer Screen	SC	3.11mm
Crimping Suite	Beryllium	Gold Plated	Outer Sheath	FEP Grey	3.60mm
Insulator	PEI				

Dimensions:



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## Specifications of 2.92mm/M-2.92mm/F Stable Amplitude & Stable Phase Low Loss Cable Assembly

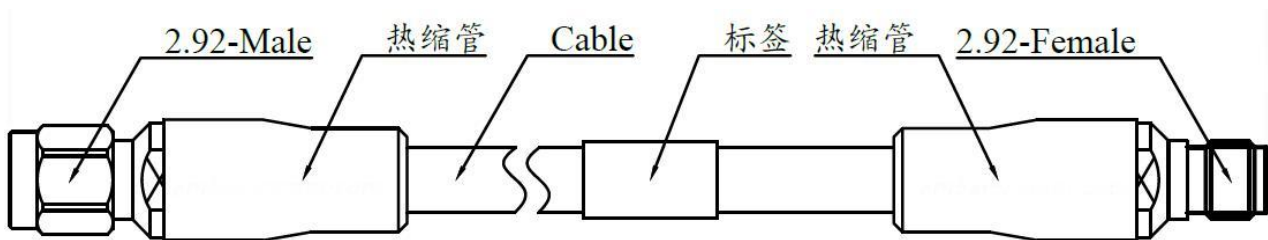
Mechanical & Electrical Specification:

Model	2.92/M-2.92/F-CXN3507-1.0M
Frequency Range	DC~40GHz
Connector	2.92mm Male to 2.92mm Female
Cable	CXN3507
Cable Length	1 meter
Impedance	50Ω
VSWR	≤1.30
Insertion Loss	≤3.0dB (1m@40GHz)
Working Voltage	335V max
Withstand Voltage	1000V rms
Insulation Resistance	5000MΩ
Contact Resistance	Center Contact ≤3MΩ
	Outer Contact ≤2MΩ
Temperature Range	-45°C~+165°C

Material & Plating:

Connector	Material	Plating	Cable	Material	Diameter
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Dimensions:



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## Specifications of 2.92mm/M-2.92mm/F Stable Amplitude & Stable Phase Low Loss Cable Assembly

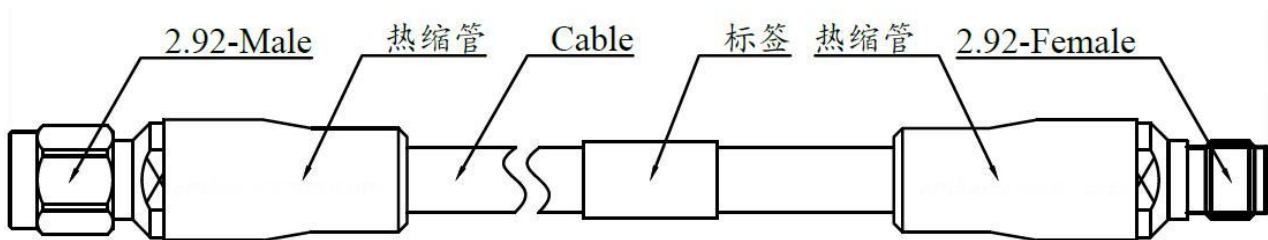
Mechanical & Electrical Specification:

Model	2.92/M-2.92/F-CXN3507-3.0M
Frequency Range	DC~40GHz
Connector	2.92mm Male to 2.92mm Female
Cable	CXN3507
Cable Length	3 meter
Impedance	50Ω
VSWR	≤1.30
Insertion Loss	≤8.2dB (3m@40GHz)
Working Voltage	335V max
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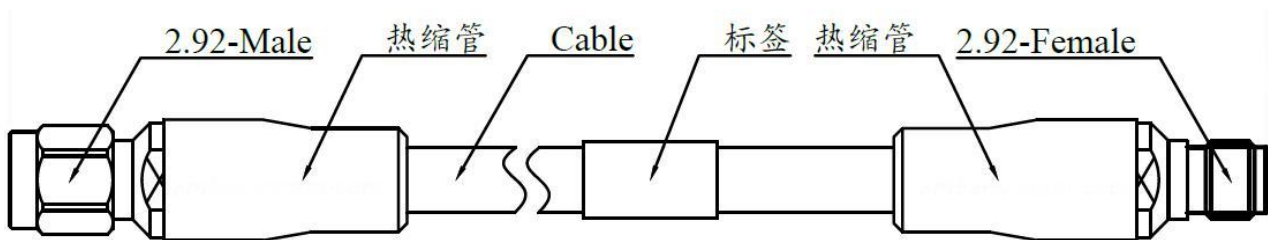
Mechanical & Electrical Specification:

Model	2.92/M-2.92/F-CXN3507-5.0M
Frequency Range	DC~40GHz
Connector	2.92mm Male to 2.92mm Female
Cable	CXN3507
Cable Length	5 meter
Impedance	50Ω
VSWR	≤1.30
Insertion Loss	≤13.4dB (5m@40GHz)
Working Voltage	335V max
Withstand Voltage	1000V rms
Insulation Resistance	5000MΩ
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