

N MALE FOR 1/2" FLEXIBLE (COMPRESSION)



Telecommunication Technology & Engineering Accessories

Rev.V1.2

N Male Compression Connector for 1/2" Flexible Cable:

Electrical Characteristics:

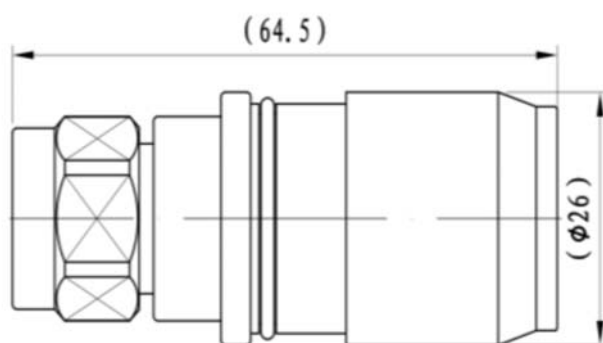
Item		Specification
Model		N/M-KS12L (N/M-1/2"FPS)
Impedance		50Ω
Frequency Range		0~6 GHz
PIM		≤-160dbc@2X43dBm
Dielectric Resistance		≥5000mΩ
Contact resistance	Inner conductor	≤1.00 mΩ
	Outer conductor	≤0.25mΩ
Dielectric Withstanding Voltage		≥2500V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz) , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85°C

Waterproof : IP68 24hr, 1m, 20°C



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



All specifications are subject to change without notice.

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Website <http://www.gelvo.com>

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DIN MALE FOR 1/2" FLEXIBLE (COMPRESSION)



Telecommunication Technology & Engineering Accessories

Rev.V1.2

DIN Male Compression Connector for 1/2" Flexible Cable:

Electrical Characteristics:

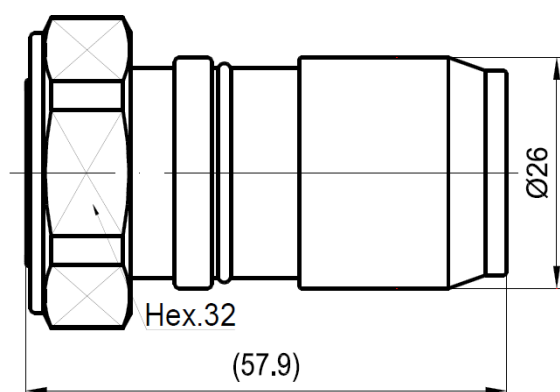
Item		Specification
Model		DIN/M-KS12L (D/M-1/2"FPS)
Impedance		50Ω
Frequency Range		0~7.5 GHz
PIM		≤-160dBC@2X43dBm
Dielectric Resistance		≥5000mΩ
Contact resistance	Inner conductor	≤0.40 mΩ
	Outer conductor	≤0.20mΩ
Dielectric Withstanding Voltage		≥4000V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz) , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85°C

Waterproof : IP68 24hr, 1m, 20°C



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass & Tin Bronze	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



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N MALE FOR 1/2" SUPERFLEXIBLE (COMPRESSION)



Telecommunication Technology & Engineering Accessories

Rev.V1.2

N Male Compression Connector for 1/2" SuperFlexible Cable:

Electrical Characteristics:

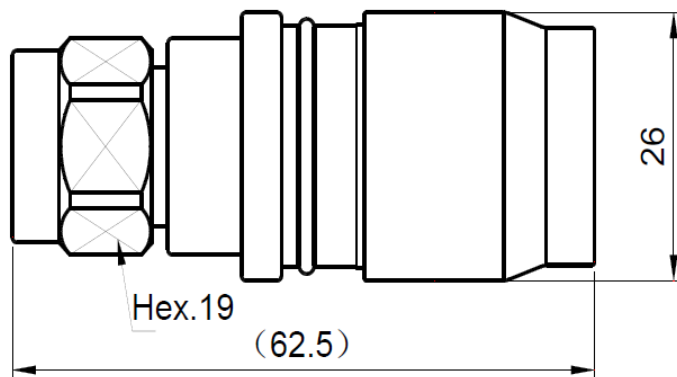
Item		Specification
Model		N/M-KS12H (N/M-1/2"SFPS)
Impedance		50Ω
Frequency Range		0~6GHz
PIM		≤-160dBC@2X43dBm
Dielectric Resistance		≥5000mΩ
Contact resistance	Inner conductor	≤1.0 mΩ
	Outer conductor	≤0.25 mΩ
Dielectric Withstanding Voltage		≥2500V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz) , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85°C

Waterproof : IP68 24hr, 1m, 20°C



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



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DIN MALE FOR 1/2" SUPERFLEXIBLE (COMPRESSION)



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Rev.V1.2

DIN Male Compression Connector for 1/2" SuperFlexible Cable:

Electrical Characteristics:

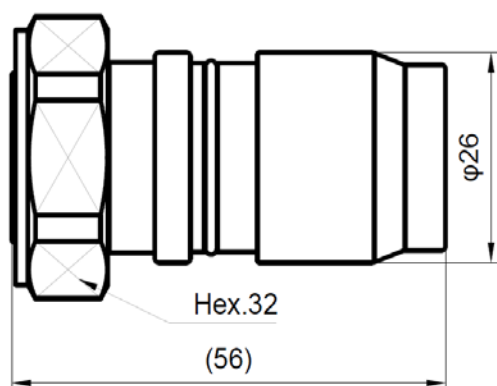
Item		Specification
Model		DIN/M-KS12H (D/M-1/2"SFPS)
Impedance		50Ω
Frequency Range		0~7.5GHz
PIM		≤-160dBC@2X43dBm
Dielectric Resistance		≥5000mΩ
Contact resistance	Inner conductor	≤0.40 mΩ
	Outer conductor	≤0.20mΩ
Dielectric Withstanding Voltage		≥4000V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz) , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85℃

Waterproof : IP68 24hr, 1m, 20℃



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



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4.3-10 MALE FOR 1/2" SUPERFLEXIBLE (COMPRESSION)



4.3/10 Male Compression Connector for 1/2" SuperFlexible Cable:

Electrical Characteristics:

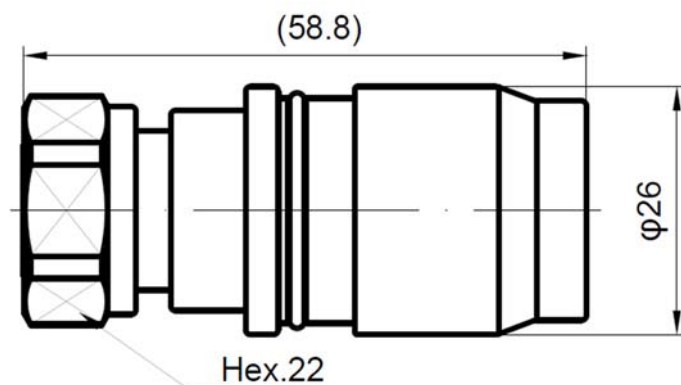
Item		Specification
Model		4310/M-KS12H (43/M-1/2"SFPS)
Impedance		50Ω
Frequency Range		0~6GHz
PIM		≤-160dbc@2X43dBm
Dielectric Resistance		≥5000mΩ
Contact resistance	Inner conductor	≤0.40 mΩ
	Outer conductor	≤0.20mΩ
Dielectric Withstanding Voltage		≥2500V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz) , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85℃

Waterproof : IP68 24hr, 1m, 20℃



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



4.3-10 MALE FOR 1/2" FLEXIBLE (COMPRESSION)



4.3/10 Male Compression Connector for 1/2" Flexible Cable:

Electrical Characteristics:

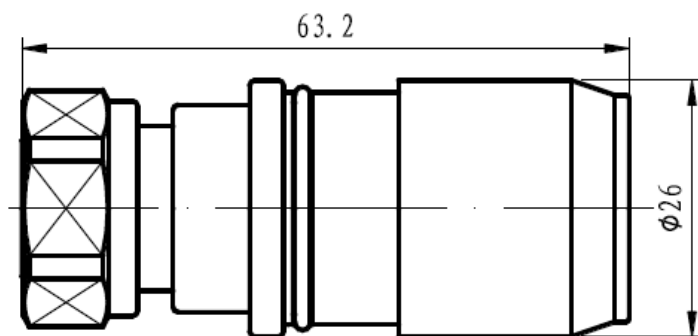
Item		Specification
Model		4310/M-KS12L (43/M-1/2"FPS)
Impedance		50Ω
Frequency Range		0~6GHz
PIM		≤-160dBC@2X43dBm
Dielectric Resistance		≥5000mΩ
Contact resistance	Inner conductor	≤1.50 mΩ
	Outer conductor	≤1.50mΩ
Dielectric Withstanding Voltage		≥2500V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz) , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85℃

Waterproof : IP68 24hr, 1m, 20℃



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



N MALE FOR 7/8" FLEXIBLE (COMPRESSION)



Telecommunication Technology & Engineering Accessories

Rev.V1.2

N Male Compression Connector for 7/8" Flexible Cable:

Electrical Characteristics:

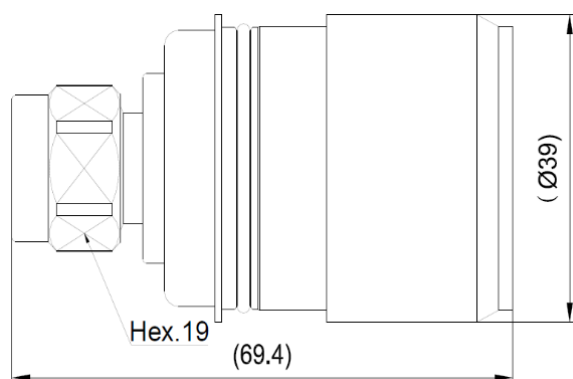
Item		Specification
Model		NM-KS78L (N/M-7/8"FPS)
Impedance		50Ω
Frequency Range		0~6 GHz
PIM		≤-160dBC@2X43dBm
Dielectric Resistance		≥2500mΩ
Contact resistance	Inner conductor	≤1.00 mΩ
	Outer conductor	≤0.25mΩ
Dielectric Withstanding Voltage		≥2500V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85°C

Waterproof : IP68 24hr, 1m, 20°C



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



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N FEMALE FOR 7/8" FLEXIBLE (COMPRESSION)



Telecommunication Technology & Engineering Accessories

Rev.V1.2

N Female Compression Connector for 7/8" Flexible Cable:

Electrical Characteristics:

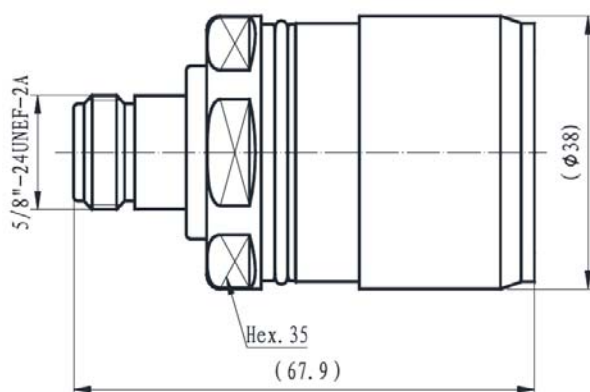
Item		Specification
Model		NF-KS78L (N/F-7/8"FPS)
Impedance		50Ω
Frequency Range		0~6 GHz
PIM		≤-160dBC@2X43dBm
Dielectric Resistance		≥2500mΩ
Contact resistance	Inner conductor	≤1.00 mΩ
	Outer conductor	≤0.25mΩ
Dielectric Withstanding Voltage		≥2500V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85°C

Waterproof : IP68 24hr, 1m, 20°C



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/



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4.3/10 MALE FOR 7/8" FLEXIBLE (COMPRESSION)



4.3/10 Male Compression Connector for 7/8" Flexible Cable:

Electrical Characteristics:

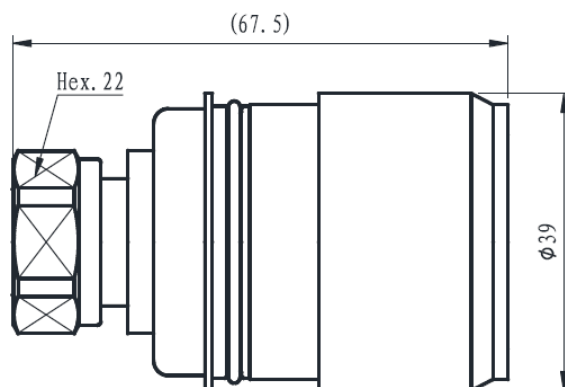
Item		Specification
Model		4310/M-KS78L (43/M-7/8"FPS)
Impedance		50Ω
Frequency Range		0~6 GHz
PIM		≤-160dBC@2X43dBm
Dielectric Resistance		≥2500mΩ
Contact resistance	Inner conductor	≤1.50 mΩ
	Outer conductor	≤1.50mΩ
Dielectric Withstanding Voltage		≥2500V RMS,50Hz
VSWR		≤1.10 (DC~2700MHz , ≤1.20 (2700~4000MHz)
Installation		Professional Compression Tools
Mating Cycles		500 Cycles

Note: When results tested by different analyzers are different should adopt the HP testing device as criteria.

Working environment:

Working temperature : -45~+85°C

Waterproof : IP68 24hr, 1m, 20°C



Material and plating:

Item	Material	Plating
Outer Contact	Brass	Trimetal Plating
Center Contact	Brass	Silver Plated
Connecting Nut	Brass	Trimetal Plating
Body	Aluminium	Oxidized black
Gasket	Silicon Rubber	/
Insulator	GPPS	/

