

SPECIFICATION OF 1/2" SUPERFLEXIBLE JUMPER

Model: DIN/M- DIN/M-1/2"SF-XX.XM



Communications Technology & Engineering Accessories

Rev.V1.3

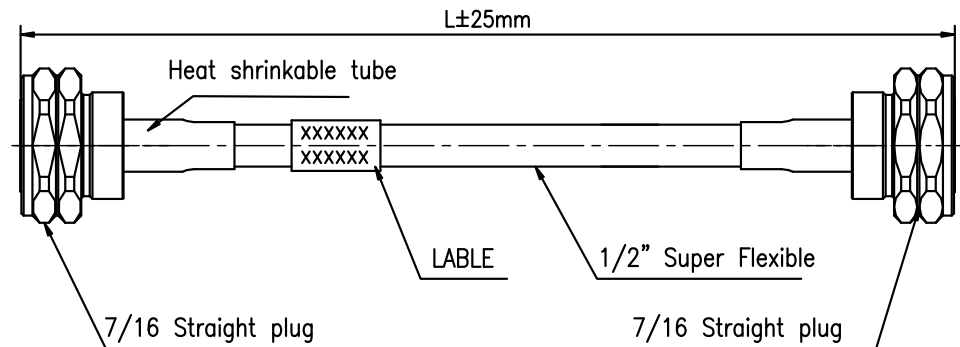
1. Specification of 1/2" Superflexible Jumper ,7/16(DIN) Male to 7/16(DIN) Male:

Name of part	Material	Plating	Thickness of plating
Shell	Brass (HPb59-1)	SY Alloy	2~3μ
Connecting nut	Brass (HPb59-1)	Nickel plated	2~3μ
Inner conductor	Bronze(QSn6.5-0.1)	Silver plated	2~3μ
Clamp	Brass (HPb59-1)	SY Alloy	2~3μ
Insulator	PTFE (SFX-1)		
Sealing	Silicone rubber		

Working Environment:

Working temperature:-40~+85° ; Relative moisture:90%~95% (Temperature: 40±2℃) .

2. Product Drawing:



3.Mechanicalcharacteristics:

Item	Specification
Cable	1/2" Superflexible Cable
Connector	7/16(DIN) Male to 7/16(DIN) Male
Torque Proof (Nut)	DIN/M: 30N.m
Frequency Range	DC~7.5GHz
Jumper Assemble Style	Solder type
Impedance	50 Ω
Insulation resistance	≥5000 MΩ
Dielectric Withstanding Voltage	2500 rms (DC)
Insertion Loss	≤0.21XL+0.2dB (0.8-2.7G)
VSWR	≤1.08 (DC-1.0G)
	≤1.13 (1.0-3.0G)
	≤1.20 (3.0-6.0G)
PIM3 (2X20W)	< -160dBc@2X43dBm (< -165dBc@2X43dBm Typ)
Waterproof	IP68 24hr,1m,20°C
Storage Temperature	-45°C to +65°C
Operating temperature	-45°C to +85°C
Durability	500 Cycles

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



All specifications are subject to change without notice.

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