

SPECIFICATION OF 1/2" SUPERFLEXIBLE JUMPER

Model: 43D/M-DIN/M-1/2"SF-XX.XM



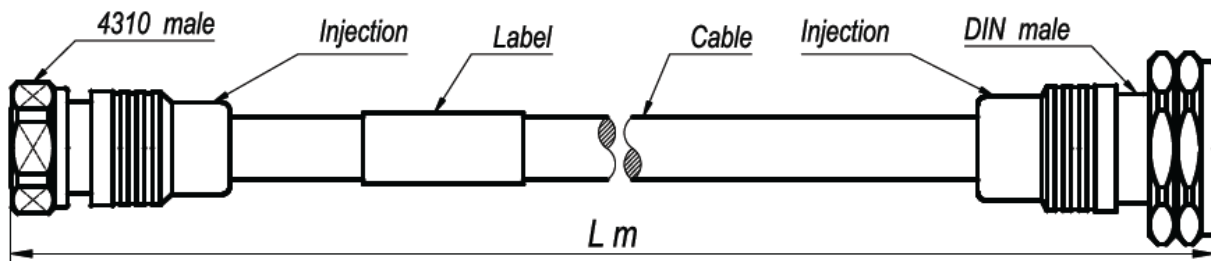
Communications Technology & Engineering Accessories

Rev.V1.2

Specification of 1/2" Superflexible Jumper , 4.3/10 Male to 7/16(DIN) Male:

Cable	Specification	Connector	Specification
Inner Conductor	Copper-Clad Aluminum	Body & Clamp	Brass/Trimetal Plating
Dielectric	Physical Foam Polyethylene	Connecting nut	Brass/Nickel Plating
Outer Conductor	Corrugated Copper Tube	Inner conductor	Silver Plated
Jacket	Black PE (Diameter 13.5mm)	Insulator	PTEF (SFX-1)
Cable Length	0.3~100 Meters	Sealing (Gasket)	Silicone rubber

Product Drawing:



Electrical Data:

Item	Specification
Cable	1/2" Superflexible Cable
Connector	4.3/10 Male to 7/16(DIN) Male
Torque Proof (Nut)	4.3-10M: 5N.m , DINM: 30N.m
Frequency Range	DC~7.5GHz
Jumper Assemble Style	Solder type
Impedance	50 Ω
Insulation resistance	$\geq 5000 \text{ M}\Omega$
Dielectric Withstanding Voltage	2500 rms (DC)
Insertion Loss	$\leq 0.21\text{XL} + 0.2\text{dB}$ (0.8-2.7G)
VSWR	≤ 1.08 (DC-1.0G)
	≤ 1.13 (1.0-3.0G)
	≤ 1.20 (3.0-6.0G)
PIM3 (2X20W)	$< -160\text{dBc}@2\text{X}43\text{dBm}$ ($< -165\text{dBc}@2\text{X}43\text{dBm}$ Typ)
Waterproof	IP68 24hr,1m,20°C
Storage Temperature	-45°C to +65°C
Operating temperature	-45°C to +85°C
Durability	500 Cycles

Note: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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