

SPECIFICATION OF 1/4" SUPERFLEXIBLE JUMPER

Model: NEX10/M-NEX10/M-1/4"SF-X.XM



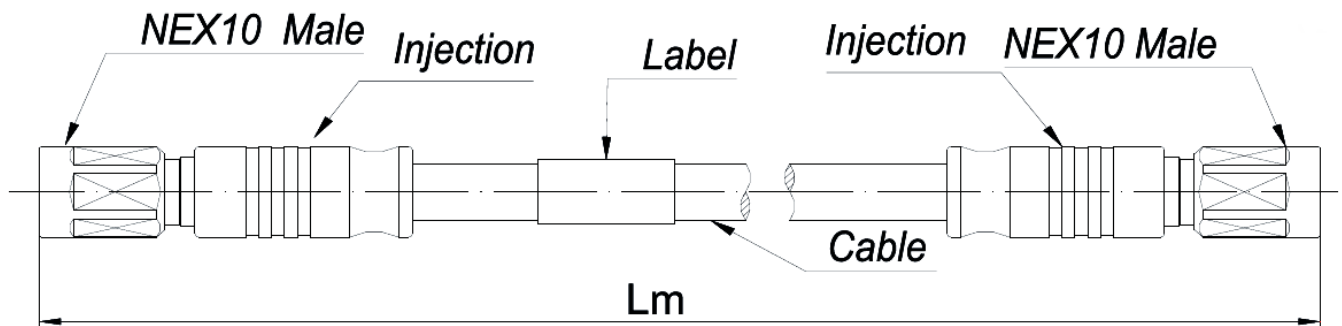
Telecommunication Technology & Engineering Accessories

Rev.V1.2

Specification of 1/4" Superflexible Jumper , NEX10 Male to NEX10 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	Insulator	PTFE (SFX-1)
Cable Length	0.3m~30m	Sealing (Gasket)	Silicone rubber

Product Drawing:



Electrical Specification:

Item	Specification
Cable	1/4" Superflexible Cable
Connector	NEX10 Male to NEX10 Male
Torque Proof (Nut)	NEX10/M: 3~5N.m
Frequency Range	DC~6GHz
Jumper Assemble Style	Solder type
Impedance(Ω)	50 Ω
Insulation resistance (M Ω)	≥ 5000 M Ω
Dielectric Withstanding Voltage	1000 rms (DC)
Insertion Loss @DC-3GHz	$\leq (0.37*L+0.1*\sqrt{F})$ dB (L=Cable Length,m; F=Frequency,GHz)
VSWR(0~3GHz)	≤ 1.10 (0.8-1.0G)
	≤ 1.13 (1.7-3.0G)
PIM3 (2X43dBm)	< -155 dBc@2X43dBm (< -161 dBc@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

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

