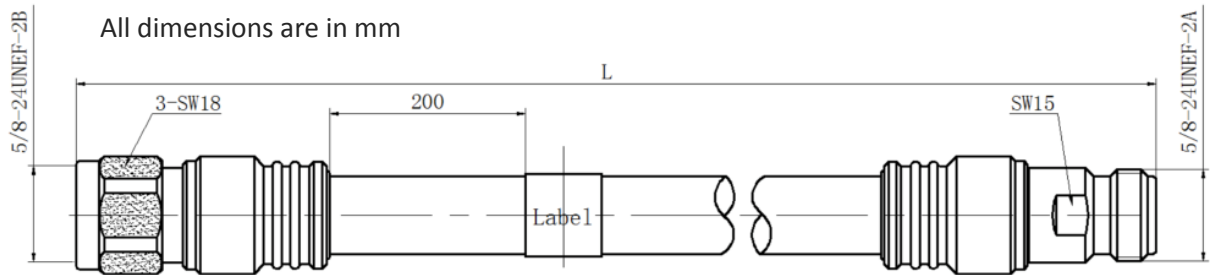


RF Superflex Cable Technical Data Sheet

Connector Type	Cable Type	Description
N/N	1/2" super cable	N Male/N Female for YD9 Cable Assembly



Jumper Length (mm)	Tolerances (mm)	Part Number	Insertion Loss	VSWR
1000	± 10	T0005196	≤0.34dB(@900MHz)	≤1.2(DC to 3000MHz)
2000	± 20	T0005315	≤0.44dB(@900MHz)	≤1.2(DC to 3000MHz)
3000	± 30	T0005316	≤0.54dB(@900MHz)	≤1.2(DC to 3000MHz)
4000	± 40	Custom Order Only	≤0.64dB(@900MHz)	≤1.2(DC to 3000MHz)
5000	± 50	Custom Order Only	≤0.74dB(@900MHz)	≤1.2(DC to 3000MHz)

Parts

Connector 1	N Male Connector
Center contact	Brass (Ag plating)
Outer contact	Brass (CuSnZn plating)
Fastener	Brass (Ni plating)
Dielectric	PTFE
Gasket	Silicon Rubber
Release Date	Version 1.0
Center contact	Bronze (Ag plating)
Outer contact	Brass (CuSnZn plating)

Dielectric	PTFE
Cable	1/2" super cable
Molding	Black PE
Marking label	Wrap stick type
Documents	
Connector specification	IEC 61169-16
Electrical data	
Impedance	50 Ω
Frequency	DC to 3 GHz
Insulation resistance	≥ 5000 MΩ
Dielectric Strength	2000 V AC, 1Min
PIM (@900MHz、1800MHz; 2×20W)	≤-150 dBc (2 x 43 dBm)
Mechanical data	
Max. tensile strength	300N
Environmental data	
Temperature range	-45 °C to +85 °C
Change of temperature	IEC 60068-2-14/GB/T 2423.22
Salt mist	IEC 60068-2-11/GB/T 2423.17(48h)
Vibration	IEC 60068-2-6/GB/T 2423.10
Shock	IEC 60068-2-27/GB/T 2423.5
Damp heat, steady state	IEC 60068-2-3/GB/T 2423.3
Protection class	IEC 60529/GB 4208
Suitable cables	1/2 super cable (YD9 cable)

