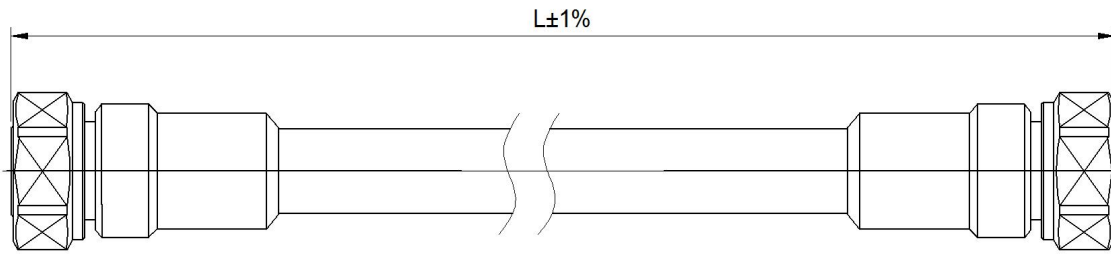


1. Figure



2. Product Description

1). Cable Type:	HRCAY-50-9(1/2"Super Flexible)
2). Cable Length:	0.5m, 1m, 1.5m, 2m, 2.5m, 3m, 4m, 5m, 6m, 7m, 8m, 9m, 10m
Inner Conductor	Copper-Clad Aluminum Wire(Diameter 3.6 mm)
Dielectric	Physical Foam Polyethylene(Diameter 8.7mm)
Outer Conductor	Corrugated Copper Tube(Diameter 12mm)
Jacket	Black LSOH (Diameter 13.3mm)
3). Connectors	
Inner Conductor Pin	Brass or Tin Bronze /Silver Plating
Body&Outer Conductor	Brass/Trimetal Plating
Insulator	PTFE
Gasket	Silicon Rubber
Nut	Brass/Nickel Plating or Trimetal Plating

3. Electrical Characteristics

Characteristics Impedance	50 Ohm
Frequency Range	DC~7.5GHz
Insulation Resistance	≥5000MΩ
Dielectric Withstanding Voltage	2500V rms (DC)
Operating Voltage	1400V rms

Insertion Loss	L(m)	insertion loss @DC-3 GHz	L(m)	insertion loss @DC-3 GHz
	0.5	≤0.26dB	5	≤1.23dB
	1	≤0.37dB	6	≤1.44dB
	1.5	≤0.47dB	7	≤1.67dB
	2	≤0.58dB	8	≤1.87dB
	2.5	≤0.69dB	9	≤2.09dB
	3	≤0.80dB	10	≤2.30dB
	4	≤1.01dB	15	≤3.38dB

VSWR	@0-1.0 GHz	≤1.1
	@1-2.2 GHz	≤1.12
	@2.2-3 GHz	≤1.15
PIM3		≤-160dBc

4. Environmental and Mechanical Specifications

Bending Radius	Operating	50mm-Min
	Installation	25mm-Min
Tensile Strength		700N-Max
Temperature Ra	Operating	-55℃/+85℃
	Installation	-25℃/+60℃
	Storage	-70℃/+85℃
Halogen Content		IEC 60754-1
Test Methods:		IEC 60096-0-1,61196-1,60966-1