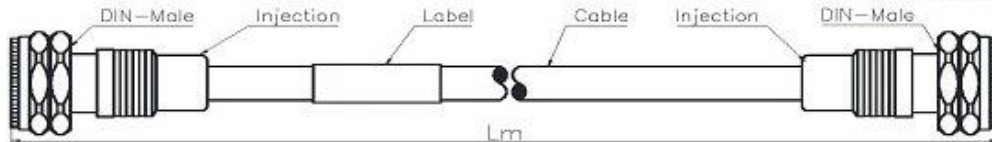


## Product Specification

7/16 M - 7/16 M HCF 1/2 Lm

1/2" Super Flexible Cable Assembly

7/16 Male To 7/16 Male



### Product Description

Jumper Length	Lm(As Per Customized)	
Cable Type	HRCAY-50-9(1/2" Super Flexible)	
Inner Conductor	Copper-Clad Aluminum Wire	
Dielectric	Physical Foam Polyethylene	
Outer Conductor	Corrugated Copper Tube	
Jacket	Black PE	
Connector Type	7/16 type male	7/16 type male
Inner Conductor Pin	Brass/Silver Plating	Brass/Silver Plating
Body&Outer Conductor	Brass/Trimetal Plating	Brass/Trimetal Plating
Insulator	PTFE	PTFE
Gasket	Silicon Rubber	Silicon Rubber
Nut	Brass/Nickel Plating	Brass/Nickel Plating

### Electrical Specifications

Characteristics Impedance	50 Ohm	
Frequency Range	DC~7.5GHz	
Insulation Resistance	≥10000MΩ	
Dielectric Withstanding Voltage	2500V rms (DC)	
Operating Voltage	1500V	
Insertion Loss	@DC-2.7GHz	≤0.21*L+0.2dB (L=Cable Length)
VSWR	@0.8-1.0GHz	≤1.08
	@1.7-3.0GHz	≤1.10
PIM3	@1800MHz(2*43dBm)	≤-155dBc

### Environmental & Mechanical Specifications

Cable Tensile resistance	≥500N
Torque Proof (Nut)	7/16M: 22-30N.m
Storage Temperature	-45°C to +65°C
Operating temperature	-45°C to +85°C
Water Proof level	IP68 24hr, 1m, 20°C
RoHS	Compliant

### Regulatory Compliance / Certification

ISO 9001:2015	Compliant
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The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.