



Product Specification

Model: NC8641-5881

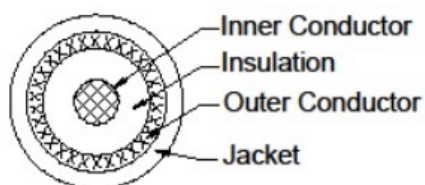
Description: RF cable, SMA female to IPEX MHF IV, OD0.81 cable



Specification

Electrical		
Frequency	0-6Ghz	
Capacitance	98pF/m	
Conductor Resistance	50±3 Ω	
Max Input Power	10W	
Dielectric Strength	1000 A.C V/1min	
Attenuation	Frequency	dB/1m
	1GHz	≤3.60
	2GHz	≤5.10
	3GHz	≤6.20
	4GHz	≤7.50
	5GHz	≤8.50
	6GHz	≤9.40
VSWR (0-6GHz)	≤1.3	
Min. Bending Radius Static	4mm	
Mechanical		
Cable Color	Black	
Cable Type	0.81mm	
Cable Conductor	Silver plated copper wire	
Cable Length	100mm	
Connector	SMA female	
Connector Material	Brass plated gold	
Connector Type	SMA to IPEX MHFIV	
Connector Sheath	Red	
Environment		
Working Humidity	45-85%	
Operation Temperature	-30°C ~ +85°C	
Storage Temperature	-30°C ~ +85°C	
Durability	≥500times	

Structure and Dimensions

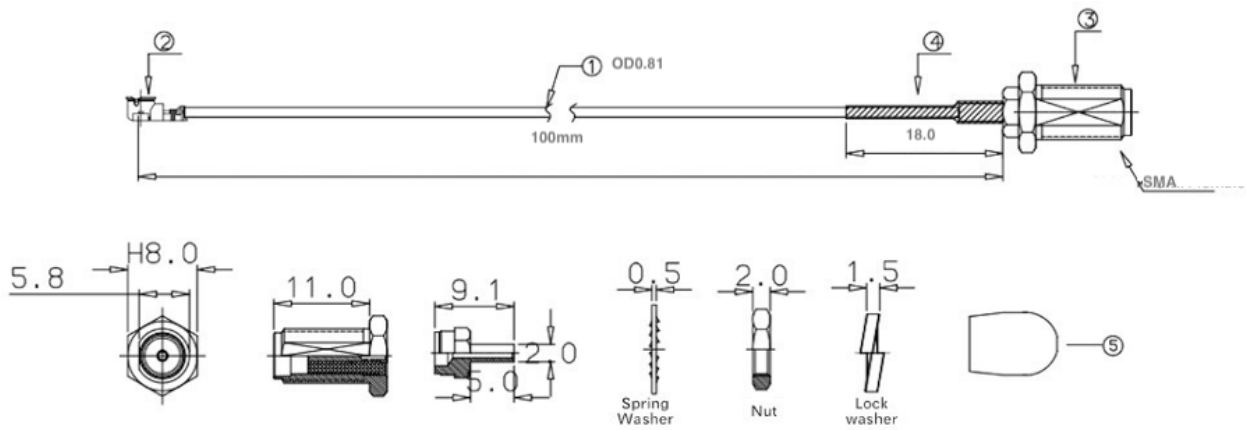


Cross-section of cable



Item	Details	
Inner Conductor	Material	Silver plated copper wire
	Composition (No./mm)	7/0.05±0.008
	NOM.O. D	0.15±0.01
Insulation	Material	FEP
	NOM.O. D	0.41±0.05
	Color	Natural
Outer Conductor	Material	Tinner copper
	Type	Weaving
	Composition	16/3/0.05±0.008
	Shielding rate	≥90%
	NOM.O. D	0.64±0.05
Jacket	Material	FEP
	NOM.O. D	0.81±0.05
	Color	Black

Mechanical Drawing



Item	Name	Material	Finish	Qty
1	1.13 Coaxial Cable	FEP Jacket	Black	1
2	IPX MHF1	Brass	Gold	1
3	RPSMA(F) Bulk Head ST	Brass	Gold	1
4	Heat Shrink Tube	PE	Black	1
5	Connector Sheath	FEP	Red	1