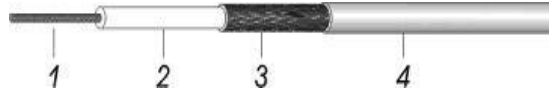


RG 141 RF Cable

Model No.- SRFS-RG141



Structure characteristics				
Structure	Item		Standard value	
Inner conductor	Material		Silver plated copper wire	
	O.D. of every wire(mm)		1/0.94	
	NOM.O.D.(mm)		0.94±0.02	
Insulation	Material		PTFE	
	Color		Natural	
	NOM.O.D.(mm)		2.98±0.05	
Outer conductor	Material		Tinned copper wire braid+Tin soaked	
	Makeup:No. spindles /No. of each spindle / O.D. of every wire(mm)		16/8/0.1	
	NOM.O.D.(mm)		3.48±0.10	
	Coverage ratio(%)		100	
Jacket+Lettering	Material		(LSZH) Low-smoke zero-halogen flame-retardant polyolefin	
	Color		Red/Blue/Black/White	
	NOM.O.D.(mm)		4.3±0.10	
Electrical characteristics				
Item	Standard value @20	Item	Frequency	Stand value Unit:dB/m @20
Capacitance(pF/m)	96±4	Attenuation	0.4GHz	0.25
Velocity(%)	70.8±0.2		1GHz	0.41
Impedance(Ω)	50±2 @1ns		2GHz	0.60
Dielectric withstand voltage(V-DC@1min)	2000		3GHz	0.76
Voltage standing wave ratio	1.1 @0~4.5GHz		5GHz	1.02
Screening effectiveness(dB)	100 @0~18GHz		6GHz	1.18
Phase consistency(°)	4 @2GHz			
Dependability				
Item		Unit	Standard value	
Min.bending radius (static / repeated)		mm	8 / 40	
Operating temperature			-40~+90	