

## SFD Series



**Low density PTFE insulation low loss coaxial radil-frequency cable**

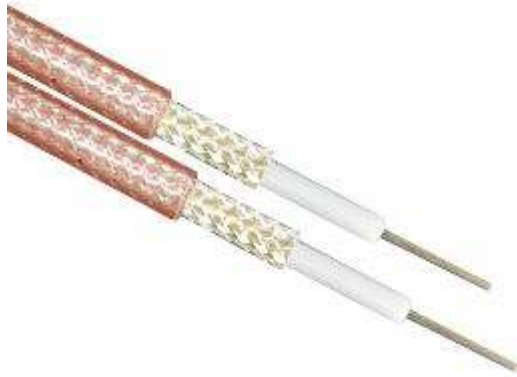
**Operating temperature :** -55C-200C

**Application and features :** A widely application in microwave, wireless communication systems and the othwe electeonic equipments. With the features of low loss, low VSWR, excellent shielding effectiveness light weight, excellent construction stability(especially in the phase stability vs.flexure&vibration stability).

**Construction and Characteristic :**

Type	Inner conductor number/diameter mm	Jacket Siameter mm	Testing voltage Kv	Characteristic Impedance $\Omega$	Capacitance pF/m	Cutoff frequency GHz	Attenuation $\leq$ (dB/m)				Attenuation $\leq$ (dB/m )	
							1GHz	5GHz	10GHz	18GHz	26	40GHz
SFD147A	Sc1/0.93	3.98	2.0	50 $\pm$ 2	86 $\pm$ 2	40.0	0.40	0.92	1.28	1.96	2.36	3.20
SFDF147B	Sc19/0.2	3.98	2.0	50 $\pm$ 2	86 $\pm$ 2	26.5	0.50	1.13	1.65	2.38	2.94	

# RG Series



**PTFE insulation coaxial radio-frequency cable**

**Operating temperature :** -55C-200C

**Application and features :** This kinds of cable are used in wireless communication,broadcast and military equipments for transmission of radio frequency signals.with the features of light weight,good flexibility,high temperature-resistant,moist-resistant,corrosion-resistant and flame-retardment .

**Construction and Characteristic**

Type	Inner conductor number/diameter mm	Insulation Diameter mm	Jacket Diameter mm	Characteristic Impedance Ω	Attenuation ≤dB/m	Testing voltage kv
RG178B/U	7/0.10	0.84±0.05	1.80±0.10	50±2	108.4	2.0
RG316/U	7/0.17	1.52±0.08	2.49±0.10		68.9	2.0
RG316DT/U	7/0.17	1.52±0.08	2.9±0.10		68.9	2.0
RG141A/U	1/0.94	2.95±0.12	4.32±0.12		28.3	5.0
RG142B/U	1/0.94	2.95±0.12	4.95±0.12		38.6	5.0
RG400	19/0.20	2.95±0.12	4.95±0.12		34.4	5.0

# SFR Series



## PTFE insulation semi-flexible coaxial radio-frequency cable

**Application and features:** This kinds of cable are used for internal connection in black box,base station of mobile, delay line,microwave,radio-frequency equipment and all other electronic equipment. with the features of excellent flexibility,low VSWR,excellent shielding effectiveness.

### Size structure:

Type	Inner conductor		Insulation Diameter		Outer conductor		Jacket	
	Material	inch	Material	inch	Material	inch	Material	inch
SFR86	sct	1/0.0201	PTFE	0.063		0.086	-	-
SFR86FEP	sct	1/0.0201	PTFE	0.063		0.086	FEP	0.105
SFR141	sct	1/0.0362	PTFE	0.117		0.138	-	-
SFR141CU	sc	1/0.0362	PTFE	0.117		0.138	-	-
SFR141FEP	sct	1/0.0362	PTFE	0.117		0.138	FEP	0.168

### Performance:

Type	Characteristic Impedance $\Omega$	Attenuation dB/m			Insulation resistance > $M\Omega \cdot m$	Voltage V	Temperature $^{\circ}C$	Minimum Bend Radius mm
		0.4GHz	3GHz	6GHz				
SFR86	50	0.41	1.22	1.81	$10^8$	850	-65~165	6
SFR86FEP	50	0.41	1.22	1.81	$10^8$	850	-65~165	6
SFR141	50	0.22	0.69	1.06	$10^8$	2500	-65~165	11
SFR141CU	50	0.22	0.69	1.06	$10^8$	2500	-65~165	11
SFR141FEP	50	0.22	0.69	1.06	$10^8$	2500	-65~165	11

# SFF Series

## Solid PTFE insulation coaxial radio-frequency cable



**Application and features:** This kind of cable is used for transmission of radio frequency signals in wireless communication, broadcast and other electronic equipment with similar technology. with the features of light weight, Good flexibility, high temperature-resistant, moist-resistant, corrosion-resistant and flame-retardment

### Construction and Characteristic:

Type	Inner conductor number/diameter mm	Insulation Diameter mm	Jacket Diameter mm	Characteristic Impedance $\Omega$	Attenuation $\leq$ dB/m		Testing voltage kv
					30MHz	3000MHz	
SFF-50-1	7/0.10	0.87	1.8	50	0.33	3.4	1.2
SFF-50-1.5-1	7/0.18	1.5	2.55		0.19	2.0	2.0
SFF-50-1.5-2	7/0.18	1.5	3.2		0.19	2.0	2.0
SFF-50-2-1	1/0.73	2.2	3.3		0.12	1.27	3.0
SFF-50-2-2	1/0.73	2.2	4.0		0.12	1.27	3.0
SFF-50-3-1	1/0.93	3.0	4.5		0.086	0.95	4.2
SFF-50-3-2	1/0.93	3.0	5.5		0.086	0.95	4.2
SFF-50-5	1/1.48	4.6	6.4		0.057	0.67	6.5
SFF-50-7	7/0.82	7.3	9.2		0.044	0.52	10
SFF-50-9	7/1.0	9.0	11.0		0.030	0.45	12
SFF-75-1	1/0.17	0.87	1.8		75	0.28	2.9
SFF-75-1.5-1	7/0.10	1.5	2.55	0.20		2.0	1.8
SFF-75-1.5-2	7/0.10	1.5	3.2	0.20		2.0	1.8
SFF-75-3-1	1/0.55	3.0	4.5	0.086		0.95	3.6
SFF-75-3-2	1/0.55	3.0	5.5	0.086		0.95	3.6
SFF-75-5	1/0.82	4.6	6.4	0.057		0.66	5.5
SFF-50-1-51	7/0.10	0.84	1.8	50	400	108.3	2
SFF-50-1-52							

SFF-50-2-52	7/0.17	1.52	2.9	50	400	79.7	2
SFF-50-3-51	1/0.94	2.95	4.3	50	400	0.28	5
SFF-50-3-52	1/0.94	2.95	5.2	50	400	0.28	5

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Haberleşme sistemlerinde **yüksek performansı** yakalayın

