

Semi-Rigid Microwave Cable SR085 & SR141

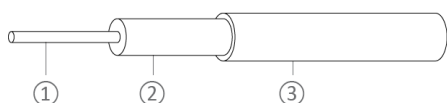
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► Features and benefits

- Frequency ranges from DC to 40 GHz
- Fits into the small systems
- Cost-efficient

► Cable Design



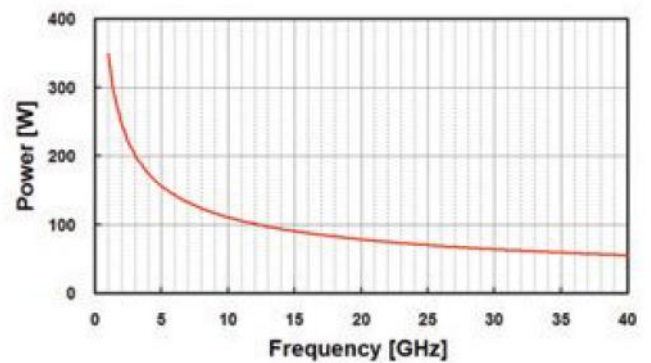
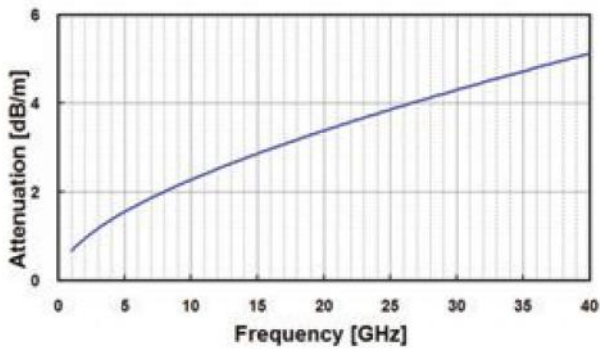
Description		Diameter (mm)				
		SR085	SR141			
① Center conductor	Silver-plated copper wire	0.51	0.92			
② Dielectric	Solid PTFE	-	-			
③ Outer shield	Tin-plated	2.20	3.58			
Electrical		SR085	SR141			
Impedance		50 Ω	50 Ω			
Operating frequency		DC to 40 GHz	DC to 30 GHz			
Capacitance		95 pF/m	95 pF/m			
Velocity of propagation		69 % nom.	69 % nom.			
Time delay		4.82 ns/m	4.82 ns/m			
RF leakage		<-100 dB	<-100 dB			
Mechanical & Environmental		SR085	SR141			
Minimum bend radius		3.18 mm	6.35 mm			
Weight		21 g/M	45 g/M			
Temperature		-40°C to + 125°C	-40°C to + 125°C			
Suitable Connectors						
Cable Selection		Standard Connector selection				
		SMA type		N-type		K-type
P/N	Frequency (GHz)	Straight	R/A	Straight	R/A	Straight
SR085	18	SMS302 SFS302(Jack) SBS302(Jack, Bulkhead)	-	-	-	-
	40	-	-	-	-	KMS301 KFS301(Jack) KBS301(Jack, Bulkhead)
SR141	18	SMS303 SFS303(Jack) SBS303(Jack, Bulkhead)	-	-	-	-
	30	-	-	-	-	KMS303 KFS303(Jack) KBS303(Jack, Bulkhead)

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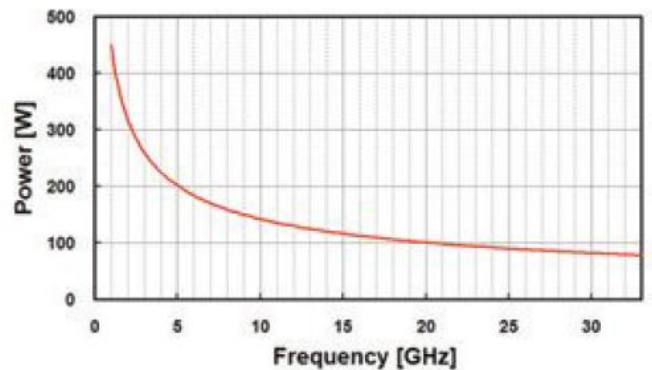
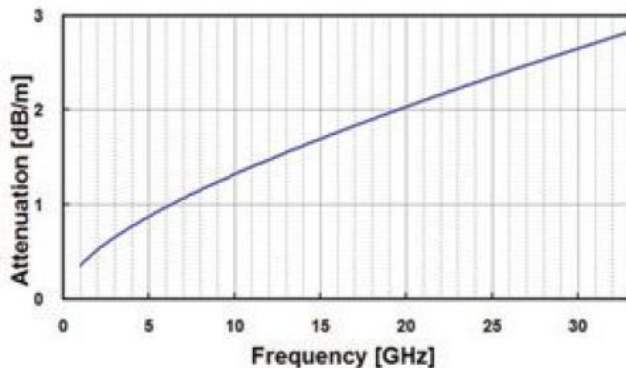
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► Cable Attenuation & Power

• SR085



• SR141



► Test Result

