

Flexible Cable



Material and Size

Items		1.5mm Flexible Cable	2.2mm Flexible Cable	3.6mm Flexible Cable
1-Center conductor	D/mm	0.3	0.5	0.91
	Material	Silver Plated Copper		
2-Dielectric	D/mm	0.88	1.38	2.5
	Material	PTFE		
3-Shield	D/mm	1.23	1.95	3.11
	Material	Silver Plated Copper		
4-Protective	D/mm	1.5	2.2	3.6
	Material	PFA		

Technical requirements

Item	1.5mm Flexible Cable	2.2mm Flexible Cable	3.6mm Flexible Cable
Model	CASG04099A354	C65G018996259	CASG01899A009
Impedance	50Ω		
Frequency range	DC-50GHz	DC-50GHz	DC-40GHz
Attenuation	See Datasheet		
Transmission rate	80%	81%	82%
Dielectrics voltage resistance	≤400Vrms	≤400Vrms	≤500Vrms
Insulation resistance	≥5000MΩ		
Shielding efficiency	≥90dB @ 1GHz		
Temperature	10mK~300K		

Datasheet

Item	Frequency	1.5mm Flexible Cable	2.2mm Flexible Cable	3.6mm Flexible Cable
Attenuation (dB/m)@300K	1GHz	1.13	0.63	0.37
	6GHz	2.82	1.61	0.93
	10GHz	3.68	2.1	1.22
	18GHz	4.9	2.9	1.6