

SJC-200



Description	Specification
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CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPC	1.43 ± 0.03mm	19/0.30
2	DIELECTRIC	PTFE	4.20 ± 0.03mm	EXTRUDE
3	OUTER SHIELD	SCT	4.35 ± 0.03mm	100% COVERAGE
4	OUTER SHIELD	SPC	4.70 ± 0.05mm	94% COVERAGE
5	Jacket	FEP	5.35 ± 0.10mm	BLACK

ELECTRICAL DATA

ITEM	SPECIFICATION	
Impedance	50 ± 1Ω	
Operating frequency	Max. 18 GHz	
Velocity of propagation	NOM. 77 %	
VSWR(based on connector selection)	1.25:1	
RF leakage (dB)	-90	
Phase Stability vs. Flexure (18GHz)	4º	
IL Stability vs. Flexure (18GHz)	0.03	
Minimum band radius (mm)	30	
Approx. weight	73 g/m	
Operating Temp	-40°C ~ 125°C	
FREQUENCY(GHz)	NOM. Attenuation(dB/m)	MAX. Power(watt)
1 GHz	0.28 dB/m	791 W
6 GHz	0.65 dB/m	320 W
12 GHz	0.96 dB/m	225 W
18 GHz	1.17 dB/m	183 W