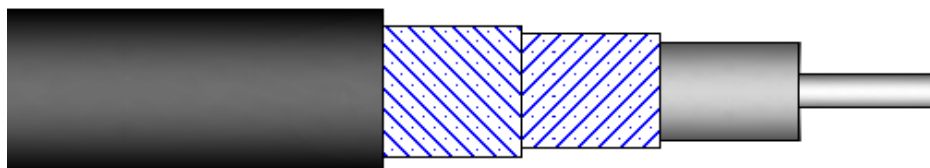


CABLE DATA SHEET	Gwave®
FLEXIBLE CABLE	GT3507



结构参数 Construction and Parameter

	材料 Material	直径 Diameter (mm)
内导体 Center Conductor	镀银铜线 Silver plated copper	0.91
绝缘体 Dielectric	膨化聚四氟乙烯 ePTFE	----
内屏蔽层 1st Outer Conductor	镀银铜带 Silver-plated copper tape	-----
外屏蔽层 2nd Outer Conductor	镀银铜线 Silver-plated copper braid	3.10
护套 Jacket	FEP	3.60±0.13

电气性能 Electrical Properties

电容 Capacitance(pF/m)	---
阻抗 Impedance(ohm)	50
传输速率 Velocity of propagation(%)	85
工作频率 Operating frequency(GHz)	50
屏蔽衰减 Shielding effectiveness(dB @ 1GHz)	>90

机械性能和环境性能 Mechanical and Environmental Properties

最小弯曲半径 Min. bending radius(mm)	6.35	
工作温度范围 Operating temperature range(°C)	-65°C~+165°C	
相位的机械稳定性 Phase Stability vs Flexure	10GHz	3°
	18GHz	5°
相位随温度变化 Phase change vs Temperature	≤2200ppm(-55°C~+85°C)	

衰减、功率（20°C 海平面测试条件）Typical Attenuation(@20°C at Sea Level) dB/m and Power Handling W

频率 Frequency (GHz)	衰减 Attenuation (dB/m)	功率 Power Handling(W)
1.0	0.39	380
10.0	1.31	120
18.0	1.81	90
26.5	2.23	75
40.0	2.85	65

Draft	Checker	Approved	Date	Rev.	ECN	Name	Date
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