



### 结构参数 Construction and Parameter

	材料 Material	直径 Diameter (mm)
内导体 Center Conductor	镀银铜包钢 Silver plated copperweld	0.91 ± 0.0254
绝缘体 Dielectric	实心 PTFE Solid PTFE	2.98 ± 0.0254
外导体 Outer Conductor	浸锡铜线 Tin-soaked copper Coverage 100%	3.58 ± 0.05
护套 Jacket	FEP	4.6 ± 0.13

### 电气性能 Electrical Properties

电容 Capacitance(pF/m)	95.1
阻抗 Impedance(ohm)	50
传输速率 Velocity of propagation(%)	70
工作频率 Operating frequency(GHz)	34
灭晕电压 Corona Extinction Voltage	2500V RMS @60Hz
承受电压 Voltage Withstanding	5000V RMS @60Hz

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

最小弯曲半径（一次） Min. bending radius(mm) (single)	10
最小弯曲半径（重复） Min. bending radius(mm) (dynamic)	40
工作温度范围 Operating temperature range(°C)	-40°C ~ +125°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)
0.4	0.256	686
1.0	0.41	419
5.0	1.02	182
10.0	1.69	122
18.0	2.15	83

Draft	Checker	Approved	Date	Rev.	ECN	Name	Date
Lai	Ni Wenjun	Grison	22.10.2010	a	-----	Lai	22.10.2010

  

Gwave Technology Inc. 4 <sup>th</sup> Floor, New Material Plaza, Yongfeng Hi-Tech Base, Haidian District, Beijing, China(100094) www.gwave-tech.com	Tel.: +86 10 58937305/06 Fax: +86 10 58937307 email: gwave@gwave-tech.com	Page 1 / 1
--	---	---------------