



Item [↵]		NO [↵]	Materials and size [↵]
内导体 [↵] Inner conductor [↵]	材·质 [↵] Material [↵]	/ [↵]	镀银铜线 [↵] Silver plated copper wire [↵]
	构·成 [↵] Composition [↵]	mm [↵]	7/0.102±0.003 [↵]
	外·径 [↵] OD [↵]	mm [↵]	Φ0.30 [↵]
绝·缘 [↵] Insulation [↵]	材·质 [↵] Material [↵]	/ [↵]	Teflon FEP(200度·聚全氟乙烯-丙烯树脂) Teflon FEP(200 degrees of fluorinated ethylene propylene resin) [↵]
	厚·度 [↵] Thickness [↵]	mm [↵]	0.30 [↵]
	外·径 [↵] OD [↵]	mm [↵]	Φ0.89±0.05 [↵]
	颜·色 [↵] Color [↵]	/ [↵]	透明色 [↵] transparent color [↵]
外·导·体 [↵] Outer conductor [↵]	材·质 [↵] Material [↵]	/ [↵]	镀银铜线 [↵] Silver plated copper wire [↵]
	形·式 [↵] Form [↵]	/ [↵]	编·织 [↵] Weave [↵]
	密·度 [↵] Density [↵]	% [↵]	92%(18目(Mesh);·48编(Coding 3*16/0.10)) [↵]
	外·径 [↵] OD [↵]	mm [↵]	Φ1.30±0.05 [↵]
护·套 [↵] Jacket [↵]	材·质 [↵] Material [↵]	/ [↵]	Teflon FEP(200度·聚全氟乙烯-丙烯树脂) Teflon FEP(200 degrees of fluorinated ethylene propylene resin) [↵]
	厚·度 [↵] Thickness [↵]	mm [↵]	0.25 [↵]
	外·径 [↵] OD [↵]	mm [↵]	Φ1.80±0.05 [↵]
	护·套·颜·色 [↵] color of sheath [↵]	/ [↵]	透明色或棕透明色(也可按客户要求加工) ransparent color or brown transparent color (Can also be processed according to customer

测试项目↕ test project↕	标准要求↕ Standard value↕		备注↕ Note↕
额定温度/电压↕ Rated temperature / voltage↕	-55℃~+200℃ / - 30V↕		/↕
绝缘电阻↕ Insulation resistance↕	3000MΩ . Km↕		电阻测试仪↕ Resistance tester↕
导体电阻↕ Conductor resistance↕	345Ω /Km· 20℃↕		/↕
耐 压↕ Pressure↕	2KV↕		耐压测试仪↕ Withstand voltage tester↕
绝 缘↕ Insulation↕	未老化前↕ Unaged↕	抗拉强度↕ Tensile Strength↕	2500·PSI·MIN. (1.76Kg/mm ²) ↕
		延伸率↕ Elongation↕	200%·MIN↕
	老化后↕ Aged↕	抗拉强度↕ Tensile Strength↕	2500·PSI*75% (168HRS*232℃)↕
		延伸率↕ Elongation↕	200%·MIN*75% (168HRS*232℃)↕
护 套↕ Jacket↕	未老化前↕ Unaged↕	抗拉强度↕ Tensile Strength↕	2500·PSI·MIN. (1.76Kg/mm ²) ↕
		延伸率↕ Elongation↕	200%·MIN↕
	老化后↕ Aged↕	抗拉强度↕ Tensile Strength↕	2500·PSI*75% (168HRS*232℃)↕
		延伸率↕ Elongation↕	200%·MIN*75% (168HRS*232℃)↕
特性阻抗↕ characteristic	50±2Ω ↕		网析分析仪、TRK 测试仪↕ Analysis of network analyzer↕

电容 Capacitance	95.8 PF/M	数字电容仪 Digital capacitance meter
传输速率 Velocity	69.5%	网析分析仪 Analysis of network analyzer
传输延迟 Propagation Delay	4.8ns/m	/
屏蔽率减 Shielding attenuation	100dB	/
弯曲半径 Bending radius	<9mm	/
阻燃性 (UL)	passed	VW-1 提供材料报告

·RG178/P-SC 规格书·第4页·共7页·

Flame retardant			VW-1 provides material report
屏蔽衰减 (dB/m) Attenuation (dB/m)	测试频率 test frequency	衰减 Attenuation	海平面 20°C 测试 Sea level to 20 DEG C test
	0.1GHz	0.46	
	0.4GHz	0.95	
	1GHz	1.48	
	2GHz	2.65	
	3GHz	3.28	
	4GHz	3.54	
	5GHz	4.30	
	6GHz	4.80	
驻波比 VSWR	0.3—3GHz	≤1.30	
	3—6GHz	≤1.35	