



CONSTRUCTION				
NO	ITEM	MATERIAL	DIAMETER	REMARK
①	Center Conductor	SPC	0.49 ± 0.02mm	
②	Dielectric	PTFE	1.50 ± 0.03mm	SOLID
③	1" Outer Shield	AT	1.60 ± 0.05mm	
④	2" Outer Shield	TC	2.00 ± 0.05mm	
⑤	Jacket(Optional)	FEP	2.55 ± 0.05mm	Black

- * SPC : Silver Plated Copper
- * PTFE : Polytetrafluoroethylene
- * AT : Aluminum Tape
- * TC : Tinned Copper
- * FEP : Fluorinated Ethylene Propylene

ELECTRICAL DATA			
ITEM	SPECIFICATION		
Operating frequency	Max. 6 GHz		
Conductor resistance	Max. 8.41 Ω / 100ft (20°C)		
Dielectric resistance	Min. 1000MΩ .km (20°C)		
Test voltage	2000Vrms (1min)		
Velocity of propagation	70%		
Capacitance	29.0 pF/ft		
Characteristic impedance	50 ± 3Ω		
Approx. weight	16.0 kg/km		
Operating Temp	-55°C / 200°C		
Attenuation	100 MHz	7.6 dB/100ft (0.45 dB/m)	-
	400 MHz	16.0 dB/100ft (0.52 dB/m)	-
	1 GHz	26.2 dB/100ft (0.86 dB/m)	-
	2 GHz	37.5 dB/100ft (1.23 dB/m)	-
	2.4 GHz	41.2 dB/100ft (1.35 dB/m)	-
	3 GHz	46.9 dB/100ft (1.54 dB/m)	-
	6 GHz	64.0 dB/100ft (2.1 dB/m)	-