

# W2009DS



Description	Specification
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## CONSTRUCTION

NO	ITEM	MATERIAL	DIAMETER	REMARK
1	CENTER CONDUCTOR	SPC	0.95 ± 0.02mm	
2	DIELECTRIC	Foamed PTFE	2.73 ± 0.03mm	
3	OUTER SHIELD	AL	3.1 ± 0.02mm	100% (nom.)
4	OUTER SHIELD	TC	3.4 ± 0.05mm	90% (nom.)
5	Jacket(Optional)	FEP	4.15 ± 0.12mm	Blue

## 비고

SPC	PTFE	AL	SPC	FEP
Silver Plated Copper	Polytetrafluoroethylene	Aluminum Tape	Silver Plated Copper	Fluorinated Ethylene Propylene

## ELECTRICAL DATA

ITEM	SPECIFICATION
Capacitance	95.1 pF/m (29.0 pF/ft) (nom.)
Characteristic Impedance	50 ± 3Ω
Conductor resistance	Max. 19.3Ω/100ft (20°C)
Operating frequency	1GHz
Shielding Effect	100dB (max.)
Velocity of propagation	70.0%
RoHS Compliance	YES
Weight	47.7 kg/km
Operating Temp	-40°C ~ 165°C
Maximum Attenuation	400 MHz      6.9 dB/100ft (0.23 dB/M)
	700 MHz      11.4 dB/100ft (0.37 dB/M)
	1,000 MHz    35.3 dB/100ft (1.15 dB/M)