

BFS-100



Description	Specification
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CONSTRUCTION					
NO	ITEM	MATERIAL	DIAMETER		REMARK
1	CENTER CONDUCTOR	SPC	0.49 ± 0.02mm		
2	DIELECTRIC	PTFE	1.50 ± 0.03mm		SOLID
3	OUTER SHIELD	AT	1.60 ± 0.05mm		
4	OUTER SHIELD	TC	2.00 ± 0.05mm		
5	Jacket(Optional)	FEP	2.55 ± 0.1mm		Black
비고					
SPCW		PTFE	AT	TC	FEP
Silver Plated Copper clad steel Wire		Polytetrafluoroethylene	Aluminum Tape	Tinned Copper	Fluorinated Ethyulene Propylene
ELECTRICAL DATA					
ITEM		SPECIFICATION			
Operating frequency		Max. 6 GHz			
Conductor resistance		Max. 8.41 Ω / 100ft (20℃)			
Dielectric resistance		Min. 1000MΩ .km (20℃)			
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℃ ~ 200℃			
Maximum Attenuation		0.4 GHz	16.0 dB/100ft (0.52 dB/m)		
		1 GHz	26.2 dB/100ft (0.86 dB/m)		
		2GHz	46.9 dB/100ft (1.54 dB/m)		
		3 GHz	64.0 dB/100ft (2.1 dB/m)		
		6GHz	84.5 dB/100ft (2.77 dB/m)		