


Фазостабильные кабели с низкими потерями серии G

Product Type		G047		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.29		
	Nom.Dia(mm)	0.29		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	0.95		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	1.10		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	1.23		
Outer shield	Material	Round Alloy wire		
	Nom.Dia(mm)	1.43		
Jacket	Material	Green FEP		
	Nom.Dia(mm)	1.80		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
		Frequency (MHz)	Attenuation (dB/m)	Power handling (w)
Impedance (Ω)	50	500	0.81	100
Capacitance(pF/m)	94	1000	1.15	70
Velocity of Propagation	70%	3000	2.02	40
Max Operating Frequency(GHz)	100	10000	3.74	22
Screening Effectiveness (dB)	>90	12400	4.17	19
		16000	4.77	17
Maximum Operating Voltage (V@DC)	50	18000	5.07	16
		26500	6.21	13
Phase Change VS Bending(°/GHz)	±0.3	40000	7.71	11
		67000	10.17	8
Phase Change VS Temperature	N/A	100000	12.65	6
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	20.0mm	HUBER+SUHNER	Minibend-047	
Min Bending Radius/Repeated	40.00mm			
Weight	0.047kg/m			
Operating Temperature	-55-+125°C			