


Фазостабильные кабели с низкими потерями серии G

Product Type		G086		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.51		
	Nom.Dia(mm)	0.51		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	1.68		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	1.88		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	2.00		
Outer shield	Material	Round Alloy wire		
	Nom.Dia(mm)	2.20		
Jacket	Material	Green FEP		
	Nom.Dia(mm)	2.60		
Electrical Characteristics				
Item	Standard Value	Attenuation and Power handling@25°C and Sea Level		
		Frequency (MHz)	Attenuation (dB/100m)	Power handling (w)
Impedance (Ω)	50	500	52.12	258
Capacitance(pF/m)	94	1000	74.86	180
Velocity of Propagation	70%	3000	134.66	100
Max Operating Frequency(GHz)	40	6000	197.35	68
Screening Effectiveness (dB)	>90	10000	263.66	51
Maximum Operating Voltage (V@DC)	50	12400	298.57	45
Phase Change VS Bending(°/GHz)	±0.3	16000	346.69	39
		18000	371.78	36
Phase Change VS Temperature	N/A	26500	469.44	29
		40000	606.05	22
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	20.0mm	HUBER+SUHNER	Minibend-086	
Min Bending Radius/Repeated	40.00mm			
Weight	0.019kg/m			
Operating Temperature	-55-+125°C			