


Фазостабильные кабели с низкими потерями серии G

Product Type		G141		
Structure Drawing				
Structure Characteristics				
Structure	Item	Standard Value		
Inner Conductor	Material	Silver Plated Copper		
	Construction(mm)	1/0.91		
	Nom.Dia(mm)	0.91		
Insulation	Material	LD-PTFE		
	Nom.Dia(mm)	2.70		
Inner shield	Material	Flat Silver Plated Copper Wrapped Strip		
	Nom.Dia(mm)	2.90		
Interlayer	Material	High temperature aluminium foil		
	Nom.Dia(mm)	3.05		
Outer shield	Material	Round Alloy wire		
	Nom.Dia(mm)	3.45		
Jacket	Material	Green FEP		
	Nom.Dia(mm)	4.00		
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	27.79	728
Capacitance(pF/m)	88	1000	39.44	513
Velocity of Propagation	76%	2000	56.05	361
Max Operating Frequency(GHz)	26.5	6000	98.25	206
Screening Effectiveness (dB)	>90	8000	113.94	178
Maximum Operating Voltage (V@DC)	50	10000	127.88	158
		12400	142.98	142
Phase Change VS Bending(°/GHz)	±0.3	16000	163.30	124
		18000	173.68	116
Phase Change VS Temperature	N/A	26500	212.89	95
		40000	265.00	76
Mechanical & Environmental Characteristics			Replaceable Type	
Min Bending Radius/Single	16.0mm	HUBER+SUHNER	Minibend-141	
Min Bending Radius/Repeated	40.00mm			
Weight	0.041kg/m			
Operating Temperature	-55-+125°C			