



SUHNER® CORRUGATED COAXIAL CABLE

TYPE: SUCOFEED 7/8"

Item: 22511974



Cable design

1	Inner conductor	.... Bare annealed copper tube	.....	\varnothing 9.00 mm
2	Dielectric	.... Cellular polyethylene (PE)	.....	\varnothing 22.00 mm
3	Outer conductor	.... Corrugated copper tube, welded	.....	\varnothing 24.70 mm
4	Jacket	.... Polyethylene (PE)	..... bk (RAL 9005)	\varnothing 27.75 mm
	Print on jacket	.... SUHNER SUCOFEED 7/8" (Batch no.) (metric length)		

Electrical data

Typ. operating frequency	.....	(GHz)	\leq 5
Impedance	.....	(Ω)	50 ± 1
Capacitance	.....	(pF/m)	78.0
Relative signal propagation	.....	(%)	85.5
Signal delay	.....	(ns/m)	3.90
Phase stability	vs temperature	..... -40 °C ... +70 °C	(ppm) 265
	vs bending	.....	($^{\circ}$/GHz) -
Insulation resistance	.....	(M Ω m)	$> 10^8$
Test voltage	..... 50 Hz / 1 min.	(kV _{rms})	4.5
Max. operating voltage	at sea level	(kV _{rms})	2.3
Typ. DC resistance	inner conductor	(Ω /km)	\leq 0.92
	outer conductor	(Ω /km)	\leq 0.85
Typ. screening effectiveness	.....	(dB)	-

General data

Cable specification	.... cable design and materials in accordance with	.....	M1474A
Temperature range	operating	($^{\circ}$ C)	-40...+85
	installation	($^{\circ}$ C)	-25...+60
Bending moment	.....	(Nm)	35
Flame propagation	..... IEC 332-1		n/a
Halogen content	..... IEC 754		passed
Typ. Weight	.....	(kg/100m)	58.0
Min. bending radius	for bending once	(mm)	120
	for repeated bendings	(mm)	-

Suitable Accessories and [Connectors](#)

Accessories	..... refer to document	.....	03.03.0078
Connector cable group	.....		M23
For details refer to the "SUHNER® coaxial connector catalogue" or contact your nearest HUBER+SUHNER representative			

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Temperature

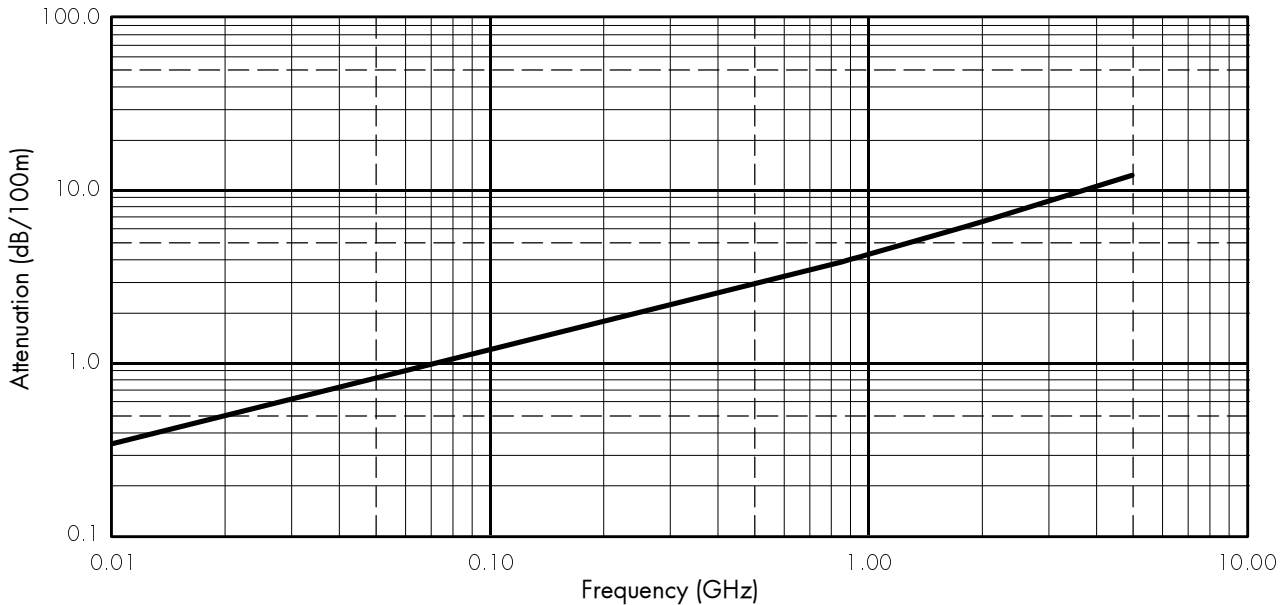
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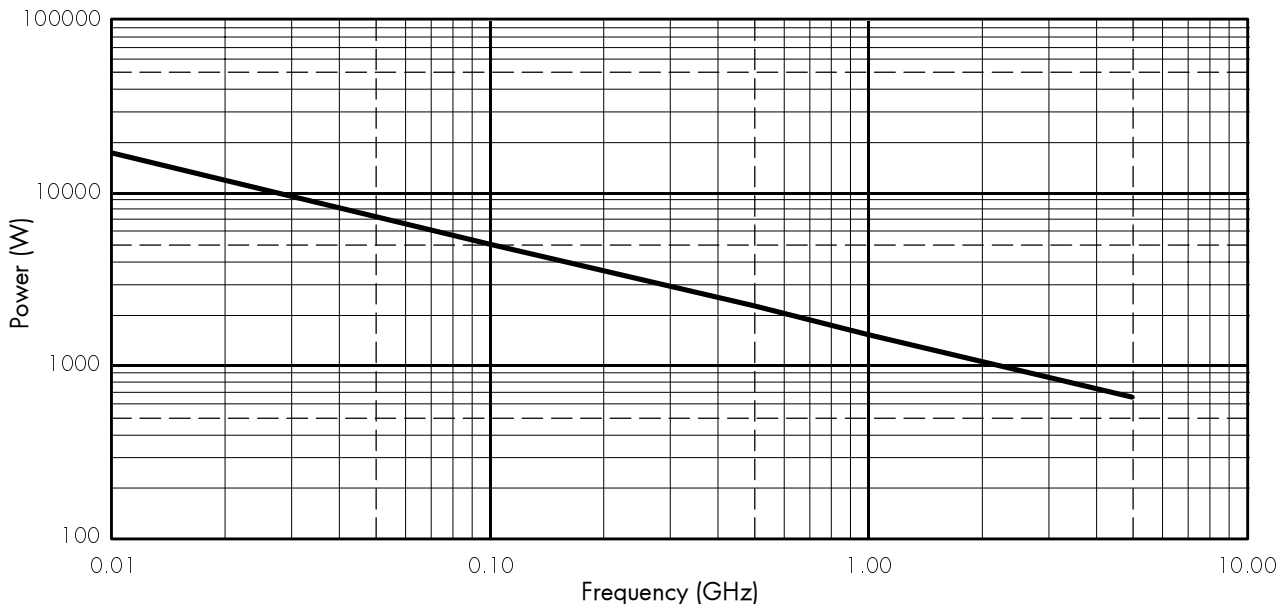
Cable attenuation

Nominal values @ +25 °C ambient temperature



C.W. power handling capability

Maximum values @ +40 °C ambient temperature and sea level, no solar load



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