

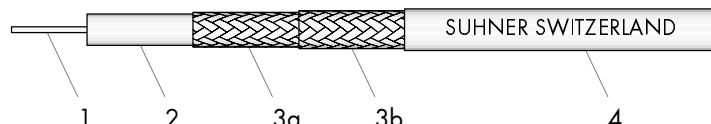


SUHNER® COAXIAL CABLE

TYPE: SX 03272 D-01

Item: 22511948

Cable design



1	Inner conductor	..... Silver-plated copper wire	.....	\varnothing 1.10 mm
2	Dielectric	..... Cellular polyethylene, cross-linked (SPEX)	.....	\varnothing 2.96 mm
3	Outer conductor	a) Silver-plated copper braid	..... 95% coverage	\varnothing 3.60 mm
		b) Silver-plated copper braid	..... 93% coverage	\varnothing 4.20 mm
4	Jacket	..... RADOX® 125, cross-linked	..... bk (RAL 9005)	\varnothing 5.40 mm
	Print on jacket	..... SUHNER SWITZERLAND SX 03272 D-01	50 Ohm	

Electrical data

Typ. operating frequency	.....	(GHz)	≤ 5
Impedance	.....	(Ω)	50 ± 2
Capacitance	.....	(pF/m)	81.6
Relative signal propagation	.....	(%)	81.8
Signal delay	.....	(ns/m)	4.08
Phase stability	vs temperature	($^{\circ}$ /GHz/m)	-
	vs bending	($^{\circ}$ /GHz)	-
Insulation resistance	.....	(M Ω m)	$> 10^8$
Test voltage	..... 50 Hz / 1 min.	(kV _{rms})	0.90
Max. operating voltage	at sea level	(kV _{rms})	0.45	
Typ. DC resistance	inner conductor	(Ω /km)	-
	outer conductor	(Ω /km)	-
Typ. screening effectiveness	.....	(dB)	-

General data

Cable specification	..... cable design and materials in accordance with	.....	-
Temperature range	operating	.....	($^{\circ}$C) -30...+100
	installation	.....	($^{\circ}$C) -20...+ 60
Flame propagation	..... IEC 332-1	.....	passed
Halogen content	..... IEC 754	.....	passed
Typ. Weight	.....	(kg/100m)	6.1
Min. bending radius	for bending once	.....	(mm) 30
	for repeated bendings	.....	(mm) 60
	for flexible applications	.....	(mm) 110

Suitable connectors

Cable group U9/U10

For details refer to the "SUHNER® coaxial connector catalogue" or contact your nearest HUBER+SUHNER representative

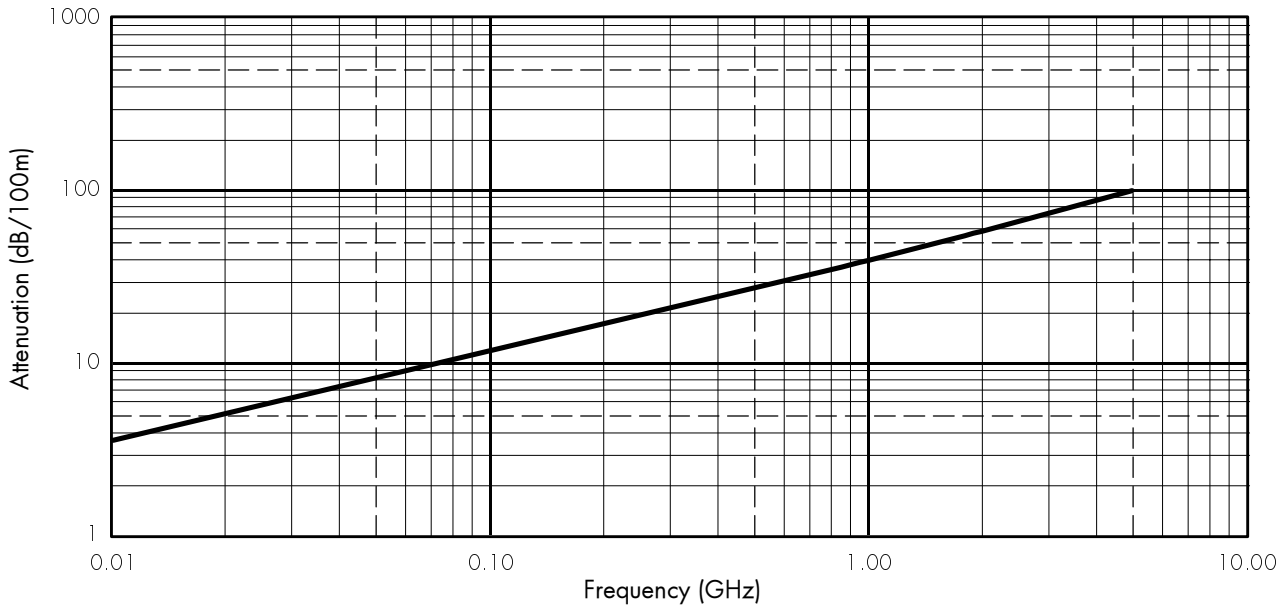
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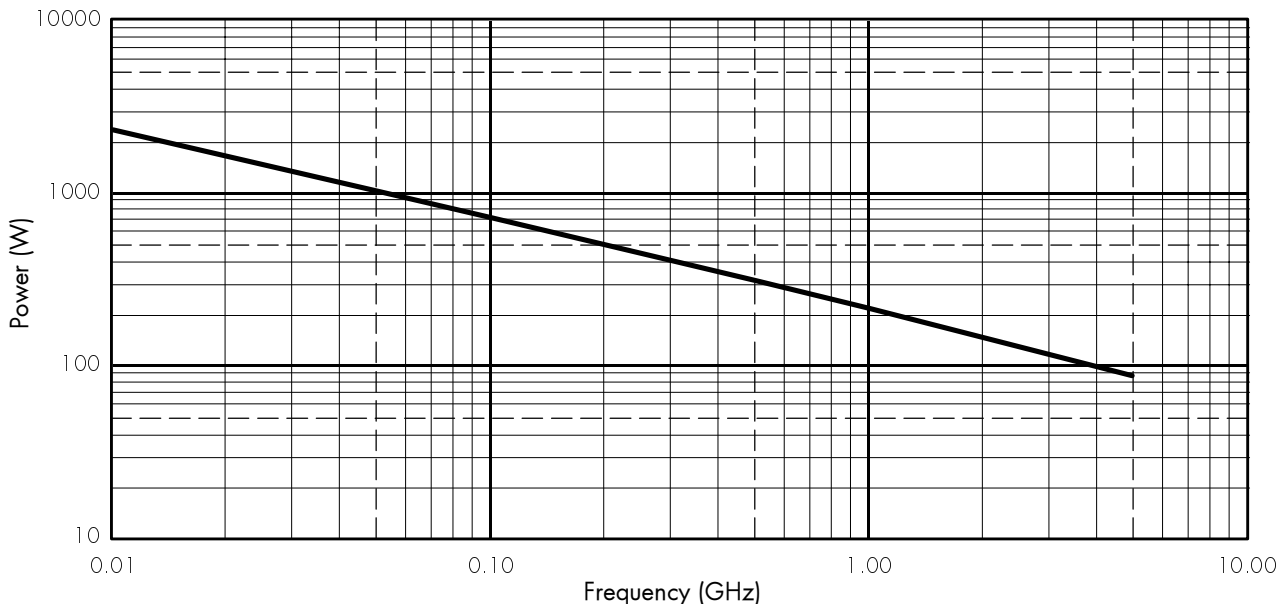
Cable attenuation

Nominal values @ +25 °C ambient temperature



C.W. power handling capability

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



WAIVER!

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