

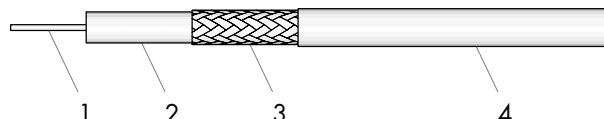


SUHNER® COAXIAL CABLE

TYPE: G 02223

Item: 22510102

Cable design



1	Inner conductor	....	Copper-clad steel wire	.....	ø 0.24 mm
2	Dielectric	.....	Solid polyethylene (PE)	.....	ø 1.50 mm
3	Outer conductor	....	Bare copper wire braid	.....	91% coverage ø 2.00 mm
4	Jacket	.....	Polyamide (PA)	.....	bk (RAL 9005) ø 2.30 mm
	Print on jacket	.....	(No print)		

Electrical data

Typ. operating frequency	.....	(GHz)	≤ 1.0
Impedance	.....	(Ω)	75 ± 3
Capacitance	.....	(pF/m)	67.1
Relative signal propagation	.....	(%)	66.3
Signal delay	.....	(ns/m)	5.03
Phase stability	vs temperature	.....	(°/GHz/m) -
	vs bending	.....	(°/GHz) -
Insulation resistance	.....	(MΩ m)	> 10 ⁸
Test voltage	.....	50 Hz / 1 min.	(kV _{rms}) 2.0
Max. operating voltage	at sea level	.....	(kV _{rms}) 1.0
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	.....	(°C)	-40...+70
	installation	.....	(°C)	-20...+60
Flame propagation	.....	IEC 332-3	.....	n/a
Halogen content	.....	IEC 754	.....	passed
Typ. Weight	.....	(kg/100m)	.....	0.9
Min. bending radius	for bending once	.....	(mm)	15
	for repeated bendings	.....	(mm)	25
	for flexible applications	.....	(mm)	-

Suitable connectors

Cable group U5
For details refer to the "SUHNER® coaxial connector catalogue" or contact your nearest HUBER+SUHNER representative

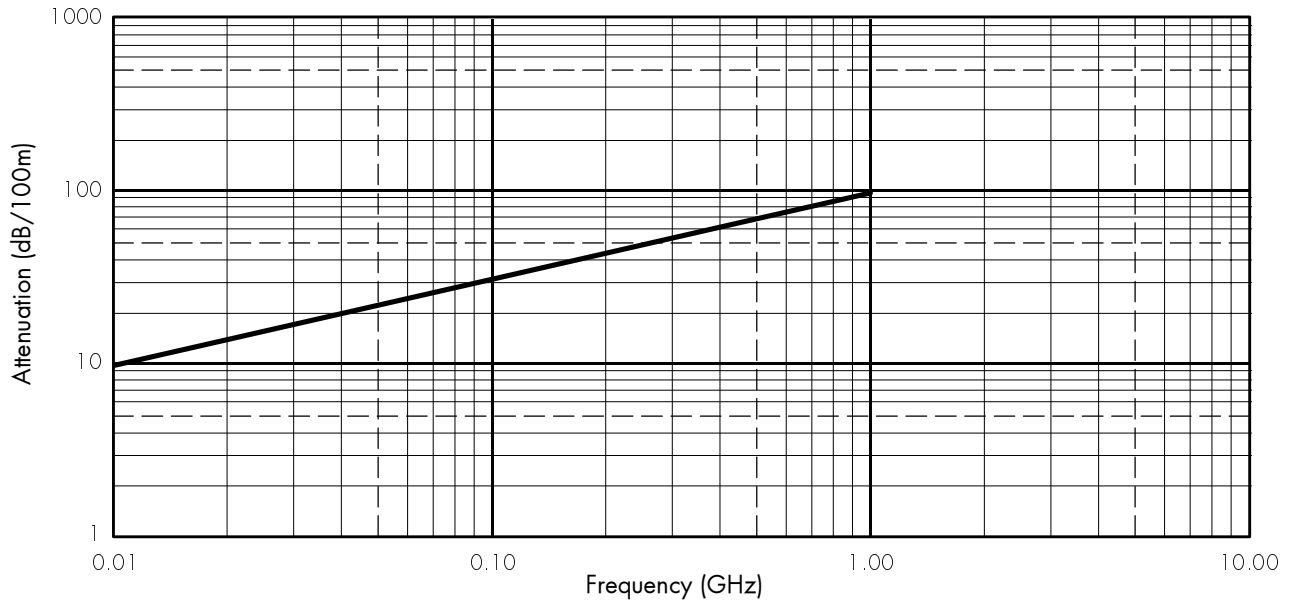
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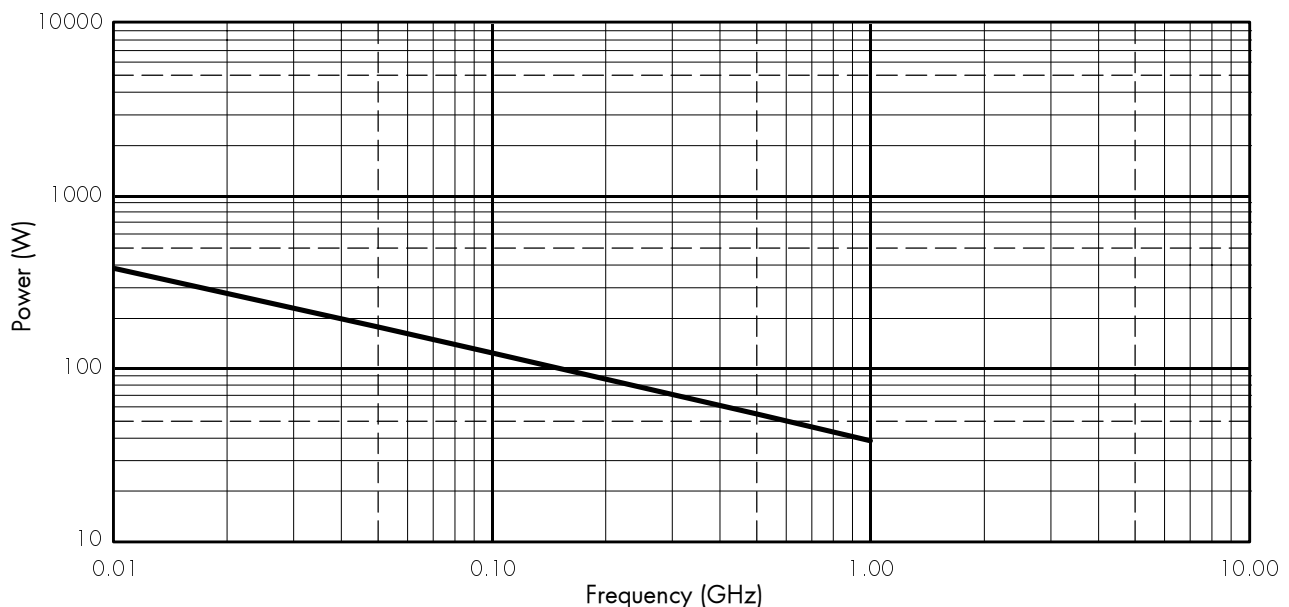
Cable attenuation

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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