

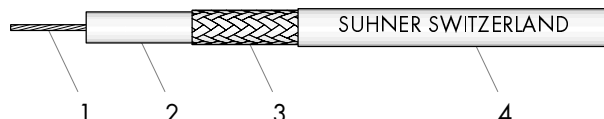


SUHNER® COAXIAL CABLE

TYPE: G 03233

Item: 22510135

Cable design



1	Inner conductor	Stranded bare copper	7x 0.163 mm	∅ 0.489 mm
2	Dielectric	Solid polyethylene (PE)		∅ 2.95 mm
3	Outer conductor	Bare copper wire braid	95% coverage	∅ 3.60 mm
4	Jacket	PVC	bk (RAL 9005)	∅ 5.00 mm
	Print on jacket	SUHNER SWITZERLAND	G 03233	75 Ohm

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		(MΩm)	> 10 ⁸
Test voltage	50 Hz / 1 min.	(kV _{rms})	5.0
Max. operating voltage	at sea level	(kV _{rms})	2.5
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		n/a
Typ. Weight		(kg/100m)	3.9
Min. bending radius	for bending once	(mm)	25
	for repeated bendings	(mm)	50
	for flexible applications	(mm)	100

Suitable connectors

Cable group U12

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

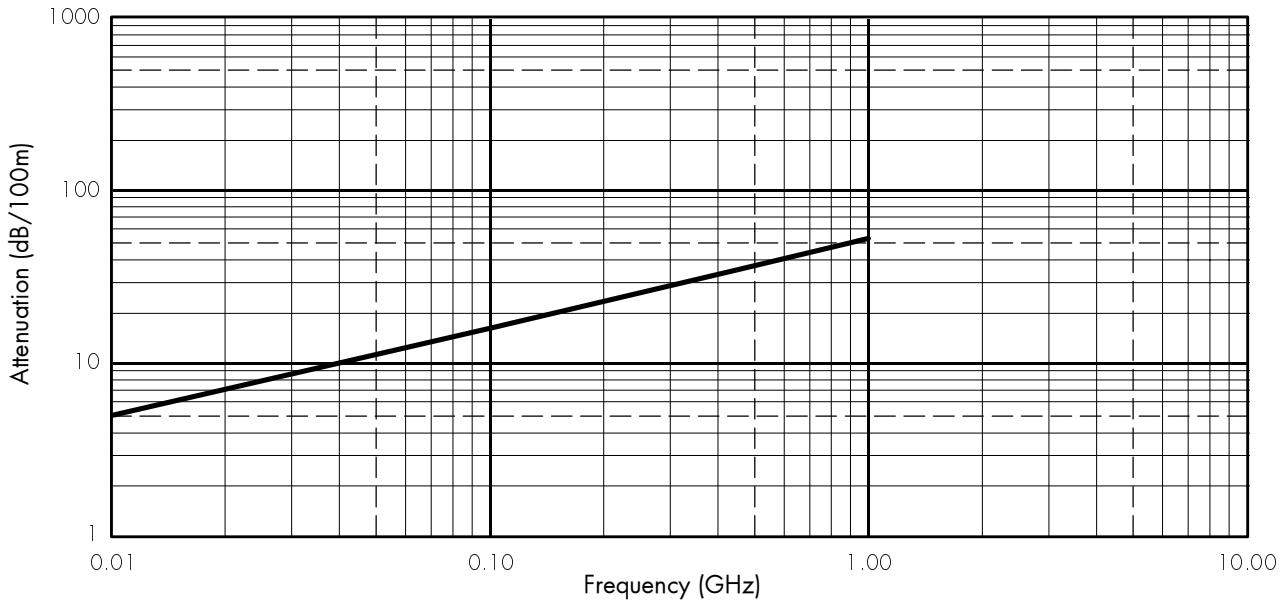
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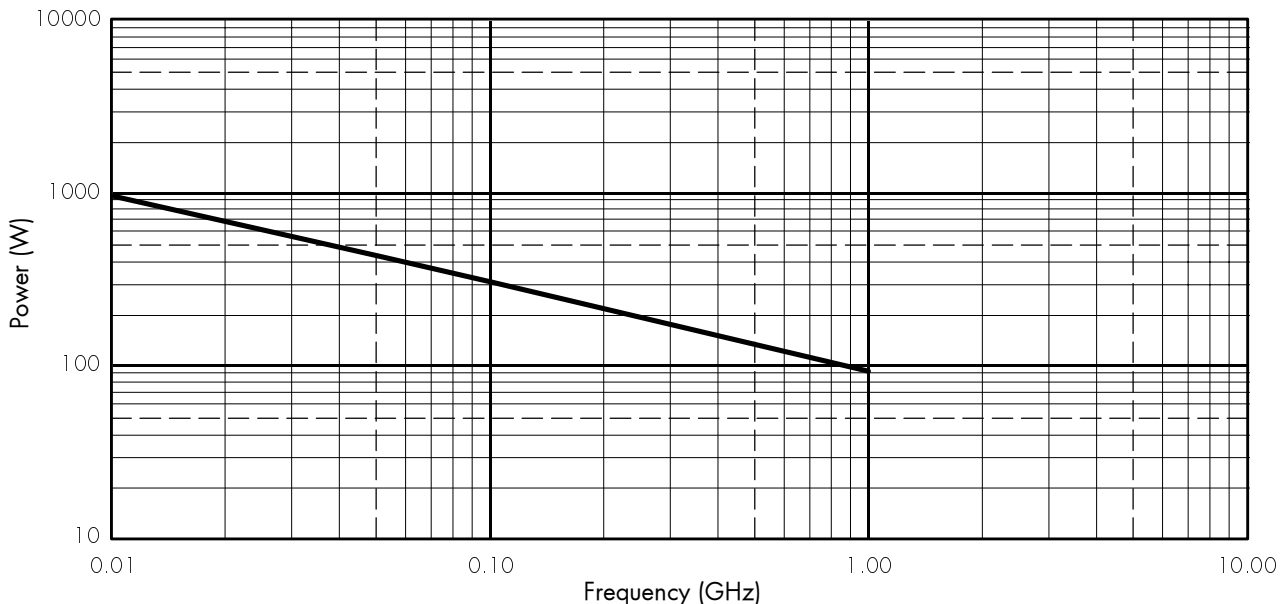
Cable attenuation

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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