

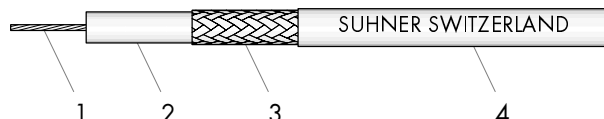


SUHNER® COAXIAL CABLE

TYPE: RG 179 B/U

Item: 22510044

Cable design



1	Inner conductor	Stranded silver-plated copper-clad steel	7x 0.102 mm	ø 0.305 mm
2	Dielectric	Solid polytetrafluoroethylene (PTFE)		ø 1.55 mm
3	Outer conductor	Silver-plated copper wire braid	94% coverage	ø 2.00 mm
4	Jacket	FEP	br (RAL 8015)	ø 2.54 mm
	Print on jacket	SUHNER SWITZERLAND	RG 179 B/U	75 Ohm

Electrical data

Typ. operating frequency		(GHz)	≤ 1
Impedance		(Ω)	75 ± 3
Capacitance		(pF/m)	64.4
Relative signal propagation		(%)	69.1
Signal delay		(ns/m)	4.83
Phase stability	vs temperature	(°/GHz/m)	-
	vs bending	(°/GHz)	-
Insulation resistance		(MΩm)	> 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)	742
	outer conductor	(Ω/km)	30
Typ. screening effectiveness		(dB)	-

General data

Cable specification	cable design and materials in accordance with	MIL-C-17/94
Temperature range	operating	(°C) -65...+165
	installation	(°C) -20...+70
Flame propagation	IEC 332-3	passed
Halogen content	IEC 754	n/a
Typ. Weight		(kg/100m) 1.48
Min. bending radius	for bending once	(mm) 15
	for repeated bendings	(mm) 30
	for flexible applications	(mm) 60

Suitable connectors

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

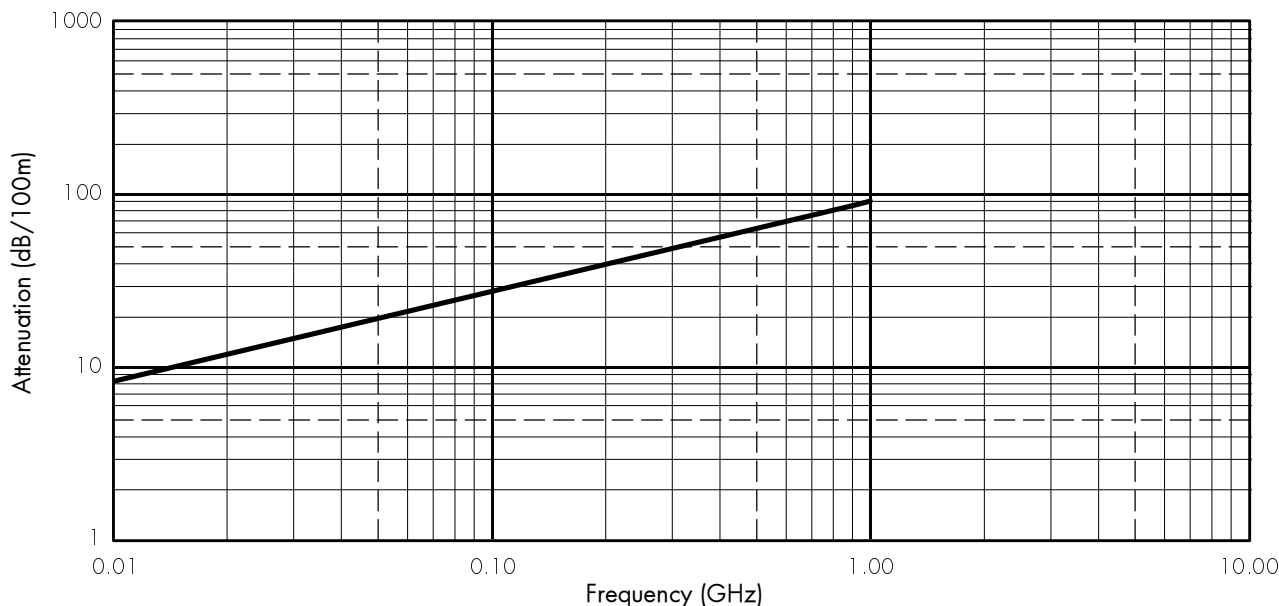
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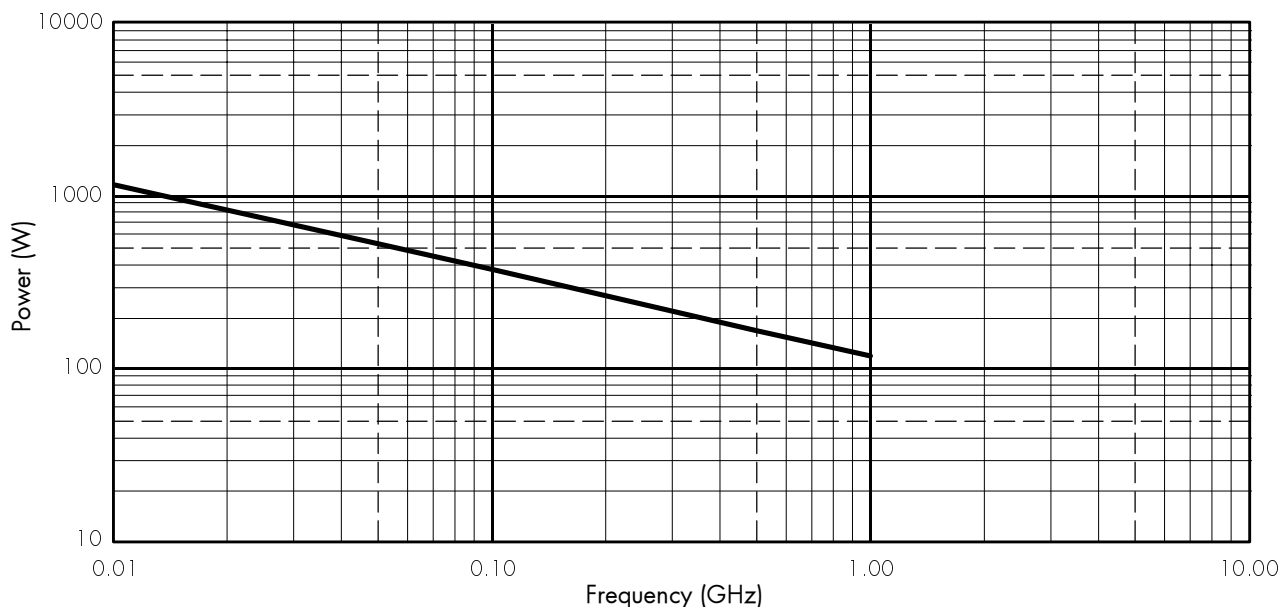
Cable attenuation

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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 Change of jacket print