

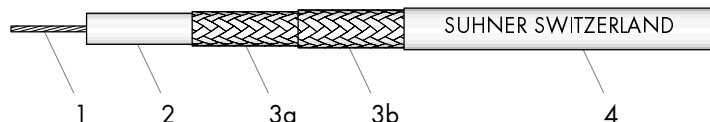


SUHNER® COAXIAL CABLE

TYPE: K 02252 D

Item: 22510218

Cable design



1	Inner conductor	Stranded silver-plated copper-clad steel	7x 0.18 mm	ø 0.54 mm
2	Dielectric	Solid polytetrafluoroethylene (PTFE)		ø 1.55 mm
3	Outer conductor	a) Silver-plated copper wire braid	96% coverage	ø 2.00 mm
		b) Silver-plated copper wire braid	91% coverage	ø 2.50 mm
4	Jacket	FEP	br (RAL 8015)	ø 3.00 mm
	Print on jacket	SUHNER SWITZERLAND	K 02252 D	50 Ohm

Electrical data

Typ. operating frequency	(GHz)	≤ 5
Impedance	(Ω)	50 ± 2
Capacitance	(pF/m)	97.2
Relative signal propagation	(%)	68.6
Signal delay	(ns/m)	4.86
Phase stability	vs temperature	°/GHz/m -
	vs bending	°/GHz -
Insulation resistance	(MΩm)	> 10 ⁸
Test voltage	50 Hz / 1 min.	(kV _{rms}) 1.7
Max. operating voltage	at sea level	(kV _{rms}) 0.85
Typ. DC resistance	inner conductor	(Ω/km) 235
	outer conductor	(Ω/km) 14.4
Typ. screening effectiveness	1 ... 300 MHz	(dB) > 70

General data

Cable specification	cable design and materials in accordance with	-
Temperature range	operating	°C -65...+165
	installation	°C -20...+ 60
Flame propagation	IEC 332-3	passed
Halogen content	IEC 754	n/a
Typ. Weight		(kg/100m) 2.4
Min. bending radius	for bending once	(mm) 15
	for repeated bendings	(mm) 30
	for flexible applications	(mm) 60

Suitable connectors

Cable group U4

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

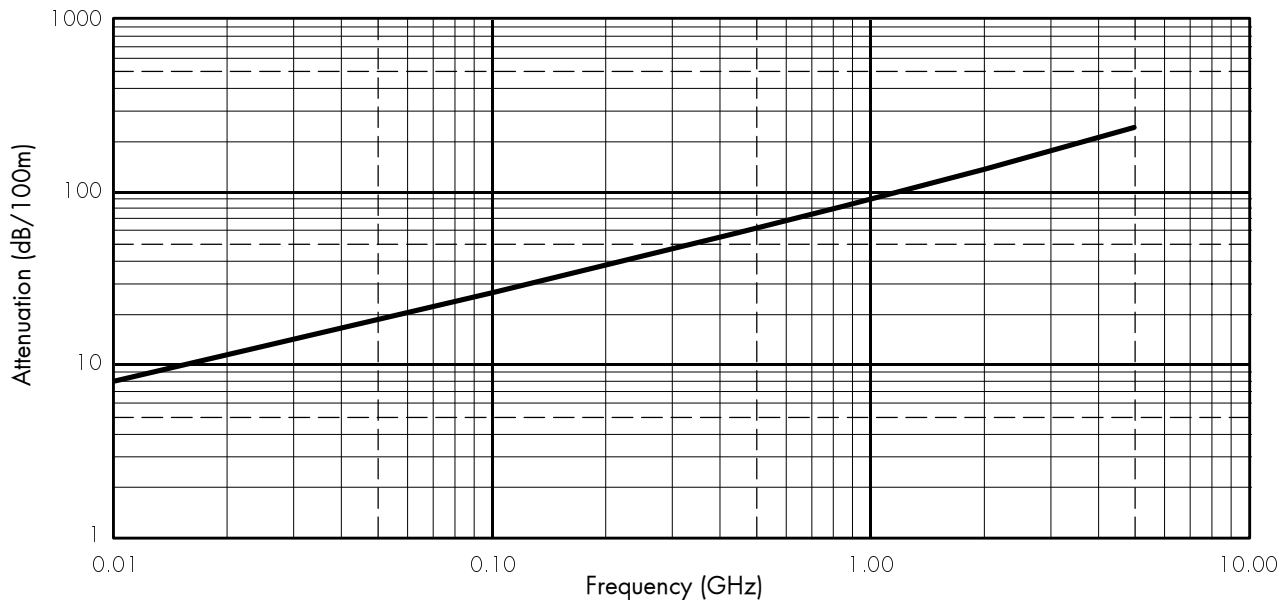
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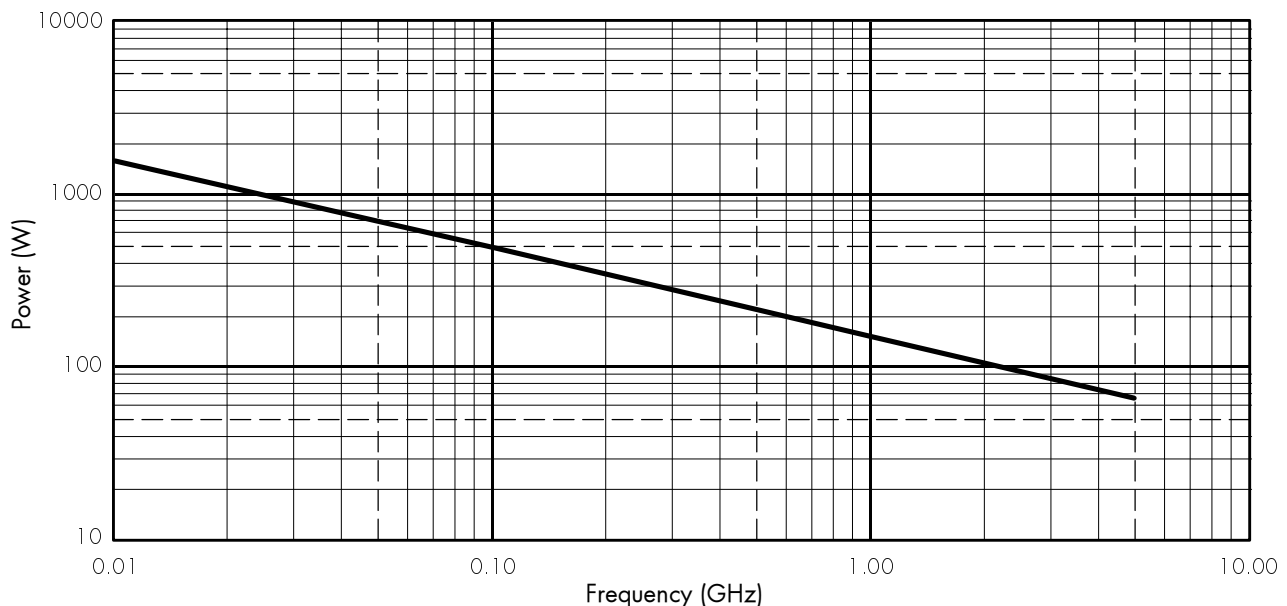
Cable attenuation

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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HUBER+SUHNER

HUBER+SUHNER AG
Coaxial Cable Division
CH-9100 Herisau, Switzerland
Tel.: +41 (0)71 353 41 11
Fax: +41 (0)71 353 45 90
e-mail: sales.hfk@hubersuhner.com
www.hubersuhner.com

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06.04.1998/486-HJ
Reduction of max. installation temp.