

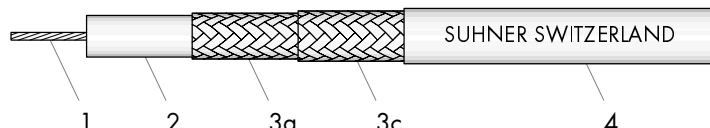


SUHNER® COAXIAL CABLE

TYPE: RG 214 HiFlex

Item: 22512156

Cable design



1	Inner conductor	....	Stranded silver-plated copper	.....	19x 0.45mm	.....	ø 2.25 mm
2	Dielectric	.....	Solid polyethylene (PE)	.....			ø 7.30 mm
3	Outer conductor	a)	Silver-plated copper wire braid	.....	93% coverage	.....	ø 8.00 mm
		b)	Silver-plated copper wire braid	.....	95% coverage	.....	ø 8.70 mm
4	Jacket	.....	Non-migratory PVC	.....	bk (RAL 9005)	.....	ø 10.80 mm
	Print on jacket	.....	SUHNER SWITZERLAND		RG 214 HiFlex		50 Ohm

Electrical data

Typ. operating frequency	.....	(GHz)	≤ 5
Impedance	.....	(Ω)	50 ± 2
Capacitance	.....	(pF/m)	100.7
Relative signal propagation	.....	(%)	66.3
Signal delay	.....	(ns/m)	5.03
Phase stability	vs temperature	-40 °C ... +80°C	(ppm) ≤ 16200
	vs bending	1x 360°, ø=80 mm	(°) ± 5
Insulation resistance	.....	(MΩm)	> 10 ⁸
Test voltage	.....	50 Hz / 1 min.	(kV _{rms}) 10
Max. operating voltage	at sea level	.....	(kV _{rms}) 5
Typ. DC resistance	inner conductor	.....	(Ω/km) 7.1
	outer conductor	.....	(Ω/km) 3.9
Passive intermodulation product (PIM)	.....	GSM, PCN range	(dBc) > 133
Typ. screening effectiveness	.....	≤ 1000MHz	(dB) > 70

General data

Cable specification	....	cable design and materials in accordance with	.....	-
Temperature range	operating	.....	(°C)	-40...+70
	installation	.....	(°C)	-20...+60
Flame propagation	.....	IEC 332-1	.....	passed
Halogen content	.....	IEC 754	.....	n/a
Typ. Weight	.....		(kg/100m)	18.0
Min. bending radius	for bending once	.....	(mm)	10
	for repeated bendings	.....	(mm)	25
	for flexible applications	.....	(mm)	80

Suitable connectors

Cable group U32/U33

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

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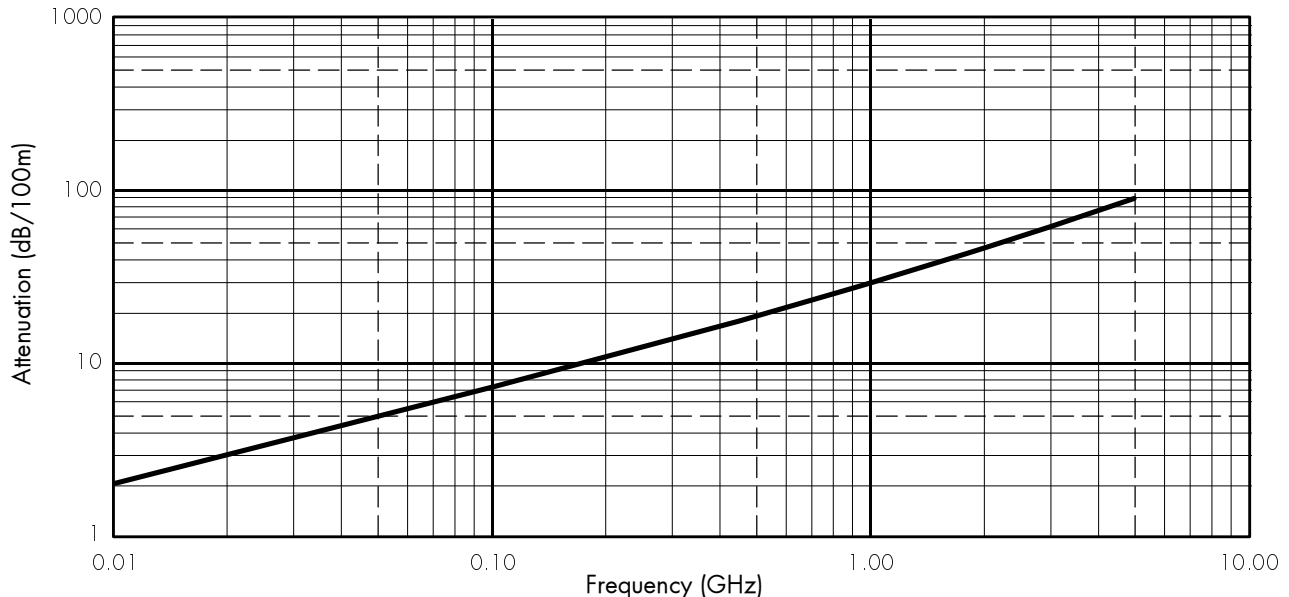
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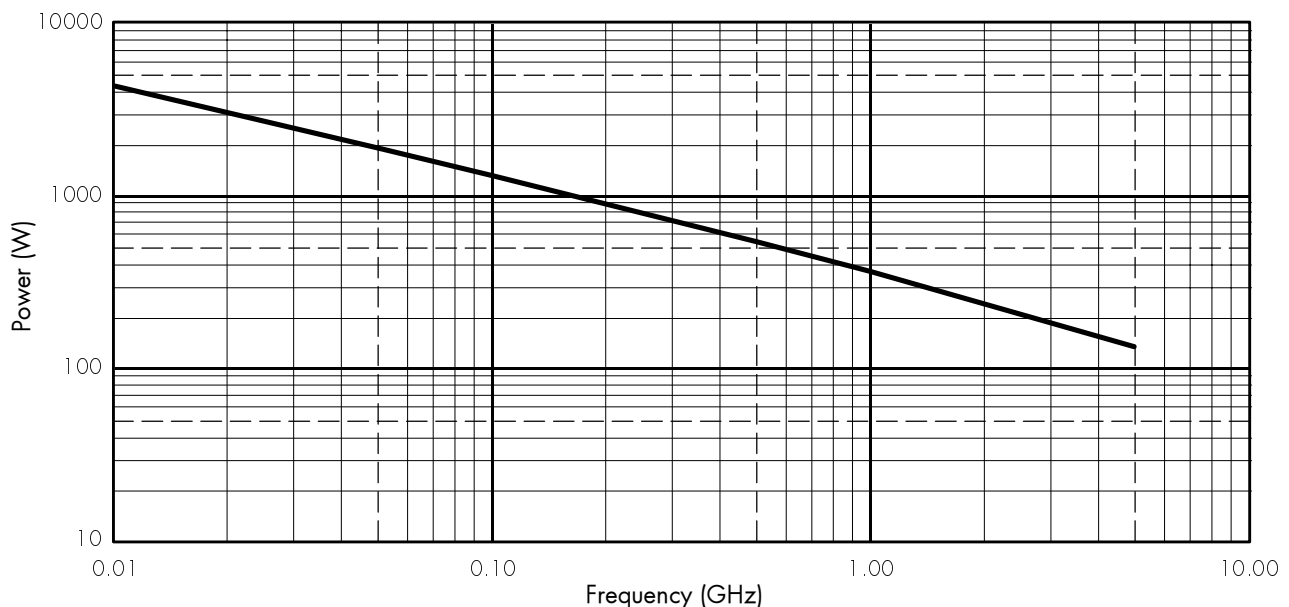
Cable attenuation

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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