



# SUHNER® CORRUGATED COAXIAL CABLE

## TYPE: SUCOFEED 1-5/8"

Item: 22511976



### Cable design

1	Inner conductor	Helically corrugated copper tube	∅ 17.30 mm
2	Dielectric	Cellular polyethylene (SPE)	∅ 43.00 mm
3	Outer conductor	Corrugated copper tube, welded	∅ 46.50 mm
4	Jacket	Polyethylene (HDPE)	bk (RAL 9005) ∅ 50.00 mm
	Print on jacket	SUHNER SUCOFEED 1-5/8" (Batch no.) (metric length)	

### Electrical data

Typ. operating frequency	(GHz)	≤ 2.5
Impedance	(Ω)	50 ± 1
Capacitance	(pF/m)	78.0
Relative signal propagation	(%)	85.5
Signal delay	(ns/m)	3.90
Phase stability	vs temperature	-40 °C ... +70 °C (ppm) -
	vs bending	(°/GHz) -
Insulation resistance	(MΩm)	> 10 <sup>7</sup>
Test voltage	50 Hz / 1 min.	(kV <sub>rms</sub> ) 8.0
Max. operating voltage	at sea level	(kV <sub>rms</sub> ) 4.0
Typ. DC resistance	inner conductor	(Ω/km) ≤ 0.70
	outer conductor	(Ω/km) ≤ 0.40
Typ. screening effectiveness		(dB) -

### General data

Cable specification	cable design and materials in accordance with	M2939B
Temperature range	operating	(°C) -40...+85
	installation	(°C) -25...+60
Bending moment		(Nm) -
Flame propagation	IEC 332-3	n/a
Halogen content	IEC 754	passed
Typ. Weight		(kg/100m) 150.0
Min. bending radius	for bending once	(mm) 300
	for repeated bendings	(mm) -

### Suitable Accessories and Connectors

Accessories	refer to document	03.03.0078
Connector cable group		M42
For details refer to the "SUHNER® coaxial connector catalogue" or contact your nearest HUBER+SUHNER representative		

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Product release

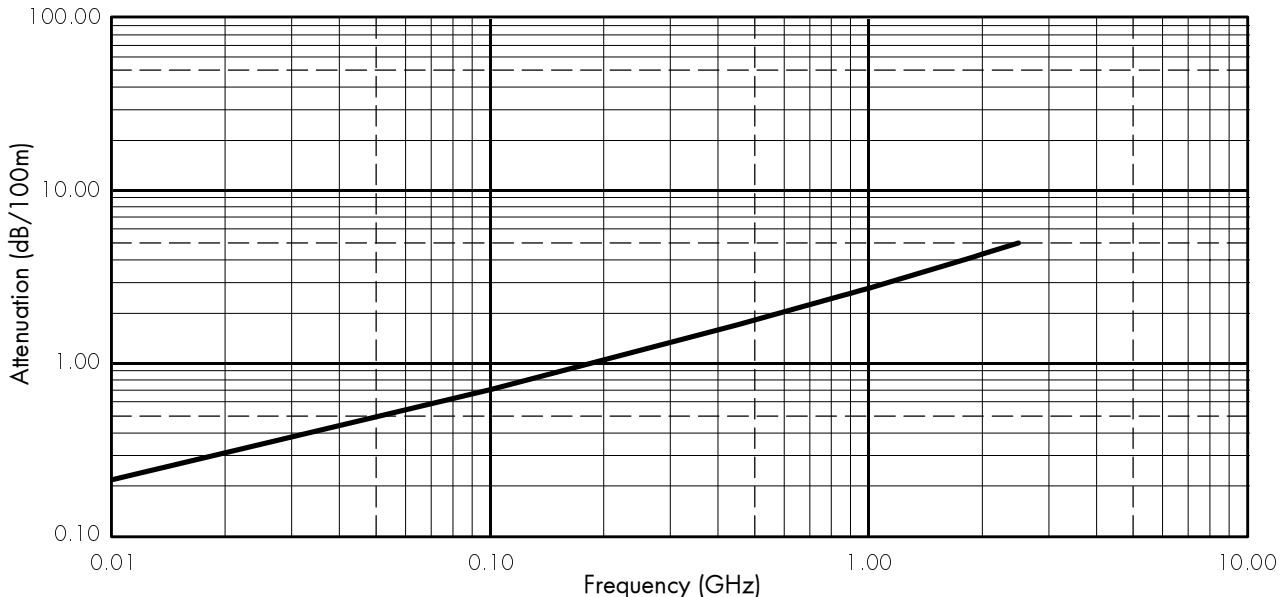
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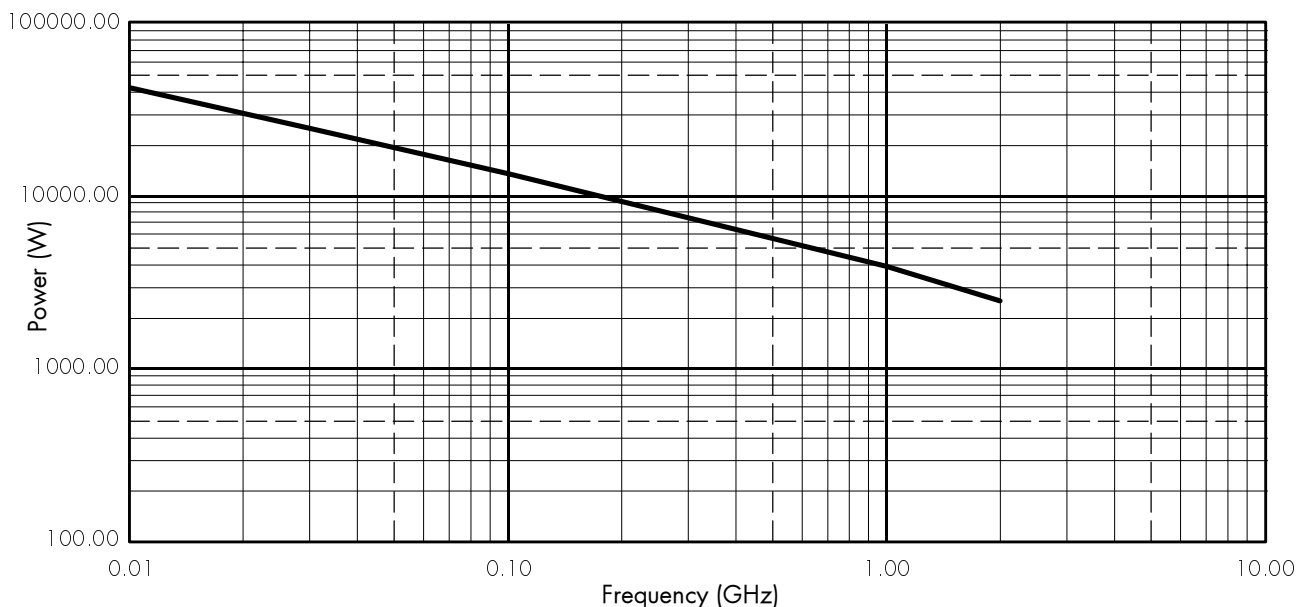
### Cable attenuation

Nominal values @ +25 °C ambient temperature



### C.W. power handling capability

Maximum values @ +40 °C ambient temperature and sea level, no solar load



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