



SUHNER® CORRUGATED COAXIAL CABLE

TYPE: SUCOFEED 1/2"

Item: 22511973



Cable design

1	Inner conductor	.... Copper-clad aluminium wire	.....	\varnothing 4.80 mm
2	Dielectric	.... Cellular polyethylene (SPE)	.....	\varnothing 11.90 mm
3	Outer conductor	.... Corrugated copper tube, welded	.....	\varnothing 13.70 mm
4	Jacket	.... Polyethylene (LDPE)	..... bk (RAL 9005)	\varnothing 16.00 mm
	Print on jacket	.... SUHNER SUCOFEED 1/2" (Batch no.) (metric length)		

Electrical data

Typ. operating frequency	.....	(GHz)	\leq 5
Impedance	.....	(Ω)	50 ± 1
Capacitance	.....	(pF/m)	76.0
Relative signal propagation	.....	(%)	87.8
Signal delay	.....	(ns/m)	3.80
Phase stability	.... vs temperature	.... -40 °C ... +70 °C	.... (ppm) 230
	.... vs bending	.....	.... ($^{\circ}$/GHz) -
Insulation resistance	.....	(M Ω m)	$> 10^8$
Test voltage	.....	50 Hz / 1 min.	.... (kV _{rms}) 2.3
Max. operating voltage	at sea level	.....	.... (kV _{rms}) 1.2
Typ. DC resistance	.... inner conductor	.....	.... (Ω /km) \leq 1.60
	.... outer conductor	.....	.... (Ω /km) \leq 1.60
Typ. screening effectiveness	.....	(dB)	-

General data

Cable specification	.... cable design and materials in accordance with	.....	M1473A
Temperature range	.... operating	..... ($^{\circ}$C)	-40...+85
	.... installation	..... ($^{\circ}$C)	-25...+60
Bending moment	.....	(Nm)	7.2
Flame propagation	.....	IEC 332-1	n/a
Halogen content	.....	IEC 754	passed
Typ. Weight	.....	(kg/100m)	26.0
Min. bending radius	.... for bending once	..... (mm)	70
	.... for repeated bendings	..... (mm)	-

Suitable Accessories and [Connectors](#)

Accessories	..... refer to document	.....	03.03.0078
Connector cable group	.....	.....	M12
For details refer to the "SUHNER® coaxial connector catalogue" or contact your nearest HUBER+SUHNER representative			

Document No.: 01.03.2478
 Issue No.: 5
 Supersedes: 2478/4

Uncontrolled copy

Issued/Checked/Released: 16.06.1999/486-HJ
 Last amended: Temperature

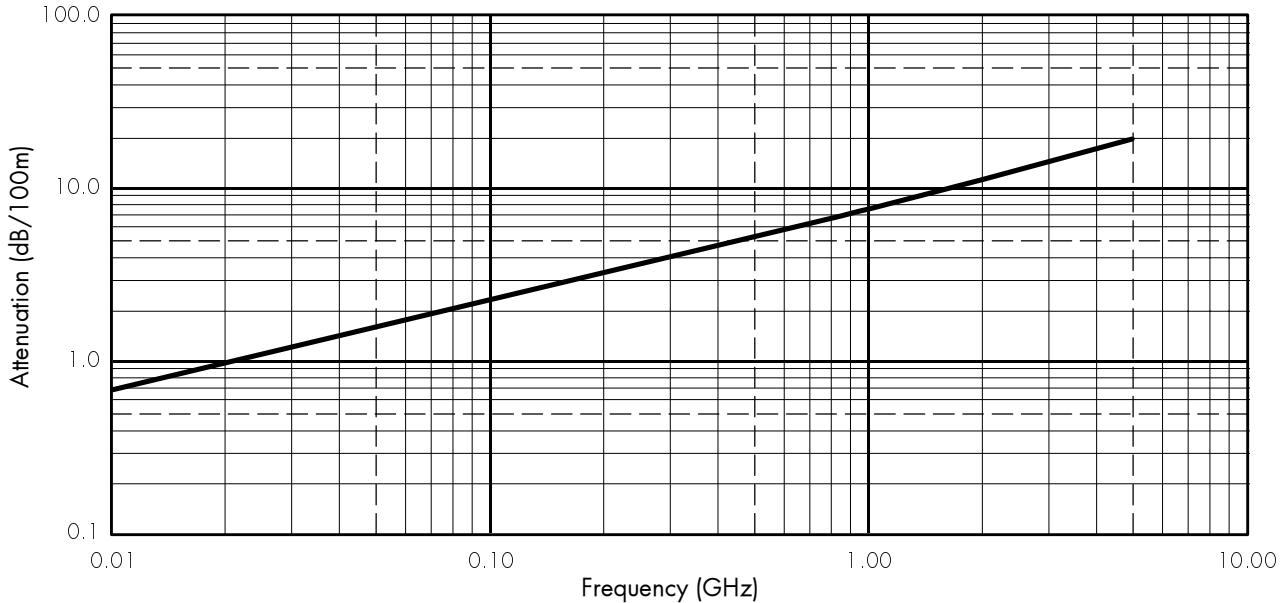
SUHNER® CORRUGATED COAXIAL CABLE

TYPE: SUCOFEED 1/2"

Item: 22511973

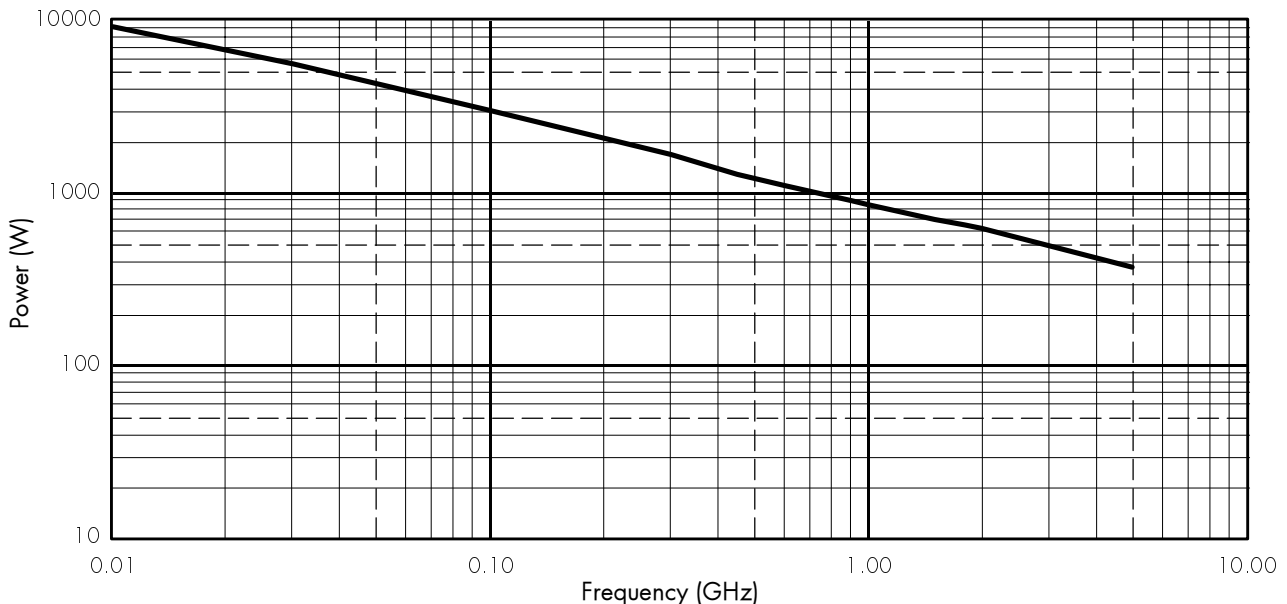
Cable attenuation

Nominal values @ +25 °C ambient temperature



C.W. power handling capability

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



WAIVER!

While the information contained in this folder has been carefully compiled to the best of our present knowledge, it is not intended as representation or warranty of any kind on our part regarding the fitness of the products concerned for any particular use of purpose and neither shall any statement contained herein be construed as a recommendation to infringe any industrial property rights or as a license to use any such rights. The fitness of each product for any particular purpose must be checked beforehand with our specialists.



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

Document No.: 01.03.2478

Issue No.: 5

Supersedes: 2478/4

Uncontrolled copy

Issued/Checked/Released:

Last amended:

16.06.1999/486-HJ

Temperature