



SUHNER® COAXIAL CABLE DATA SHEET

TYPE GX 07262 D-01

Double screened coaxial cable - flame retardant - free of halogen

Cable Design



	Material	Detail	Diameter
Centre conductor:	CuAg	Strand-07 (0.75 mm)	2.25 mm
Dielectric:	PEX		7.25 mm
1. Outer conductor:	CuAg Braid	93% coverage	8 mm
2. Outer conductor:	CuAg Braid	95% coverage	8.7 mm
3. Outer conductor:	Al-PETP wrapped Foil	100% coverage	8.9 mm
Jacket:	LSFH	RAL 9005 - bk	11 mm +/-0.2
Print:	SUHNER SWITZERLAND GX 07262 D-01 50 Ohm		

Electrical Data

Impedance:	50 Ω +/-2
Max. operating frequency:	6 GHz
Capacitance :	100.7 pF / m
Velocity of signal propagation:	66 %
Signal delay:	5.03 ns / m
Min. screening effectiveness:	> 81 dB (up to 6 GHz)
Max. operating voltage:	5 kV _{rms} (at sea level)
Test voltage:	10 kV _{rms} (50 Hz/ 1min)
Insulation resistance:	> 10 M Ω m

General Data

Temperature range:	-40 °C...+ 85 °C
Weight:	19.8 kg / 100 m
Min. bending radius :	static 60 mm
	repeated (for max. 50 bendings) 110 mm
	dynamic 220 mm

Suitable Connectors

Cable group *U32 / U33*
 (for details refer to the "SUHNER coaxial connector catalogue" or contact you nearest HUBER+SUHNER partner)

Notes

Order as **GX 07262 D-01** under article number **22511647**

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 or 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 AG
 Interconnect Division
 CH-9100 Herisau
 Phone +41 (0)71 353 41 11
 Fax +41 (0)71 353 45 90
<http://www.hubersuhner.com>

Issued: 21.6.2002 13:49

Document: TEMP_PDB_2251164
7.PDF

RF_Co_Ca_PDF

uncontrolled copy

Page 1



SUHNER® COAXIAL CABLE DATA SHEET

TYPE GX 07262 D-01

Matrix Attenuation [formula : (a*f^0.5 +b*f)] and Power CW [formula : (p*/f^0.5)]

Coefficients:

a= 0.1884

b= 0.0646

f_{max}= 6

p_{at 1GHz} = 560

Frequency (GHz)	Nom. attenuation (dB / m) sea level 25° C ambient temperature	Nom. attenuation (dB / ft) sea level 25° C ambient temperature	Max. CW power (watt) sea level 40° C ambient temperature
0.30	0.123	0.0375	1'022.4
0.60	0.185	0.0564	723.0
0.90	0.237	0.0722	590.3
1.20	0.284	0.0866	511.2
1.50	0.328	0.1000	457.2
1.80	0.369	0.1125	417.4
2.10	0.409	0.1247	386.4
2.40	0.447	0.1362	361.5
2.70	0.484	0.1475	340.8
3.00	0.520	0.1585	323.3
3.30	0.555	0.1692	308.3
3.60	0.590	0.1798	295.1
3.90	0.624	0.1902	283.6
4.20	0.657	0.2002	273.3
4.50	0.690	0.2103	264.0
4.80	0.723	0.2204	255.6
5.10	0.755	0.2301	248.0
5.40	0.787	0.2399	241.0
5.70	0.818	0.2493	234.6
6.00	0.849	0.2588	228.6

Test (following tests have been passed successfully)

Flame propagation: IEC 332-3 (C)

Halogen content IEC 754

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 or 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 AG
Interconnect Division
CH-9100 Herisau
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 45 90
<http://www.hubersuhner.com>

Issued: 21.6.2002 13:49

Document: TEMP_PDB_2251164
7.PDF

RF_Co_Ca_PDF

uncontrolled copy

Page 2