



Material and Dimensions

Jacket	FEP, blue	Ø 4.27 mm ± 0.10 mm
Screen	Tin soaked copper braid	Ø 3.50 mm ± 0.05 mm
Dielectric	PTFE	Ø 2.95 mm ± 0.05 mm
Center conductor	Silver plated copper clad steel	Ø 0.92 mm ± 0.02 mm
Rosenberger cable group	72	

Electrical data

Impedance	50 Ω ± 2 Ω
Frequency	DC to 26.5 GHz
Insertion loss	see table
Insulation resistance	> 1000 MΩ
Capacitance	97 pF / m
Velocity of propagation	70 %
Max. operation voltage	2500 V _{rms}
Screening attenuation	before bending ≥ 110 dB

Mechanical data

Weight	50 g/m	
Minimum bend radius:	single	16 mm

Insertion Loss

Insertion Loss and average power rating are typical values at 20°C ambient temperature and sea level.

Frequency (MHz)	Attenuation (dB/m)
100	0.12
300	0.21
1000	0.42
2000	0.64
3000	0.82
5000	1.12
10000	1.70
15000	2.22
20000	2.61
26000	3.13

Environmental data

Temperature range	- 55 °C to + 150°C
RoHS	compliant

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Martin Moder	21.01.16	Florian Reiner	16.02.16	a00	16-0005	Georg Schiele	16.02.16

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