



Material and Dimensions

Jacket	FEP, blue tint	Ø 3.98 mm +/- 0.13mm
Braid	Silver plated copper braid	Ø 3.505 mm +/- 0.076mm
Foil	Flat silver plated copper	Ø N/A mm
Dielectric	FEP	Ø 2.972 mm +/- 0.0305mm
Center conductor	Silver plated copper wire solid	Ø 0.912 mm +/- 0.0076mm
Rosenberger cable group	72	

Electrical data

Impedance	50 Ω ± 1.0 Ω
Frequency	DC to 34 GHz
Insertion loss	see table
Power	see table
Capacitance	95pF/m
Velocity of propagation	70 %
Maximum voltage	N/A
Shielding Effectiveness	≤ - 90 dB at 1 GHz

Mechanical data

Weight	41.67 g/m
Minimum bend radius:	
Single	12.7 mm
Multiple	25.4 mm

Attenuation and Power rating

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

Frequency (GHz)	Attenuation (dB/1m)	Power (W)
0.5	0.30	400
1	0.43	278
2	0.62	193
4	0.89	133
8	1.22	91
12	1.74	72
18	2.23	57
26	2.89	46
34	3.44	39

Environmental data

Temperature range	- 65 °C to + 165 °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
J. Gramsamer	06/05/02	J_Krautenbacher	15/02/16	c00	16-0012	J_Krautenbacher	15/02/16