

Alternatives:

Please ask for details

Construction:

Conductor	Copper covered steel (7x0,16)	0,48
Dielectric	Solid PE	1,52
Braid	Tin plated copper (0,10)	2,23
Jacket	PVC, Black	2,80
Weight	12 kg/km	
Temperature rating (°C)	-40 / +85°C	
Order reference	36000-174-00	



Notes:

All dimensions nominal ($\pm 4\%$)
unless otherwise stated.
All dimensions in mm.

Electrical:

Impedance	50 \pm 2 Ohms
Capacitance	101 pF/m
Velocity of signal propagation	66 %
Signal delay	4,9 ns/m
Working voltage, AC r.m.s.	1100 max
Working voltage, DC	2200 max
Attenuation, typical values (nominal values at an air temperature of +20°C)	see table*
Power, typical values (ambient temperature of 40°C at sea level and VSWR 1.0)	see table
Suitable for frequencies	up to 2,5 GHz
Shielding effectiveness	typically -60 dB/m

Attenuation	
MHz	dB/100m
100	28
200	40
400	58
900	90
1200	106
1500	119
1800	130
2000	138
2500	155

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 15mm
Minimum bend radius (MBR) dynamic use	multiple bends: 30mm

Average Power	
MHz	W
100	52
200	37
400	26
900	18
1200	16
1500	14
1800	13
2000	12
2500	11

Data provided indicates nominal values unless stated otherwise and is only valid for reference purposes at the time of publication and is subject to change without prior notice. These products are manufactured generally in accordance with the Mil Spec. in terms of design parameters and performance. Habia are not qualified to release product to the appropriate QPL.

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Approved by: 