

Alternatives:

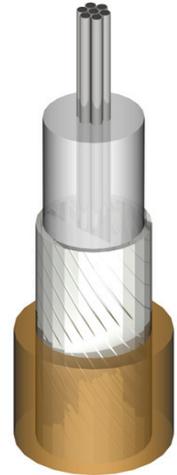
RG 179 (M):
30000-179-00

Speedflex 179 (LS0H):
34000-179-00

Alternative colours also available

Construction:

Conductor	Silver plated copper (7x0,10)	0,30
Dielectric	Solid PTFE	1,60
Braid	Silver plated copper (0,10)	2,05
Jacket	FEP, Brown-transparent	2,50
Weight	15 kg/km	
Temperature rating (°C)	-55 / +200°C	
Order reference	30000-179-50	



Notes:

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

Electrical:

Impedance	75 \pm 3 Ohms
Capacitance	63 pF/m
Velocity of signal propagation	70 %
Signal delay	4.7 ns/m
Working voltage, AC r.m.s.	900 max
Working voltage, DC	1800 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	39
400	56
900	85
1200	98
1500	110
1800	121
2000	128
2500	144

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 15mm
Minimum bend radius (MBR) dynamic use	multiple bends: 30mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Connectors	compatible with all standard types

Average Power	
MHz	W
100	280
200	198
400	140
900	93
1200	81
1500	72
1800	66
2000	63
2500	56

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: 