

RG 179

Coaxial - PTFE

Alternatives:

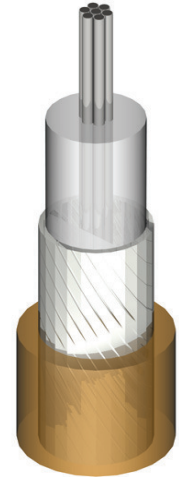
RG 179 (M):
30000-179-00

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