

Alternatives:

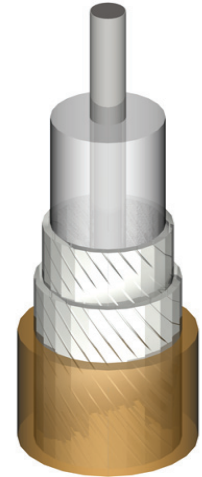
RG 142 (M):
30000-142-00

Speedflex 142 (LS0H):
34000-142-00

Alternative colours also available

Construction:

Conductor	Silver plated copper (1x0,94)	0,94
Dielectric	Solid PTFE	2,95
Braid	2x Silver plated copper (0,13)	4,15
Jacket	FEP, Brown-transparent	4,80
Weight	80 kg/km	
Temperature rating (°C)	-55 / +200°C	
Order reference	30000-142-50	


Notes:

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

Electrical:

Impedance	50 \pm 2 Ohms
Capacitance	94 pF/m
Velocity of signal propagation	70 %
Signal delay	4.7 ns/m
Working voltage, AC r.m.s.	1400 max
Working voltage, DC	2800 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 -80 dB/m


Attenuation	
MHz	dB/100m
100	13
200	18
400	26
900	40
1200	46
1500	52
1800	57
2000	61
2500	69

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 25mm
Minimum bend radius (MBR) dynamic use	multiple bends: 50mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Connectors	compatible with all standard types

Average Power	
MHz	W
100	1300
200	919
400	650
900	433
1200	375
1500	336
1800	307
2000	291
2500	260

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Ref: CC-eRG142-03
Date: 2007-08-08
Approved by: 

RG 178 Coaxial - PTFE

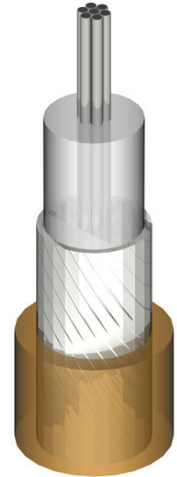
Alternatives:

RG 178 (M):
30000-178-01

Alternative colours also
available

Construction:

Conductor	Silver plated copper (7x0,10)	0,30
Dielectric	Solid PTFE	0,84
Braid	Silver plated copper (0,10)	1,37
Jacket	FEP, Brown-transparent	1,75
Weight	7,8 kg/km	
Temperature rating (°C)	-55 / +200°C	
Order reference	30000-178-50	



Notes:

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

Electrical:

Impedance	50 \pm 2 Ohms
Capacitance	94 pF/m
Velocity of signal propagation	70 %
Signal delay	4.7 ns/m
Working voltage, AC r.m.s.	500 max
Working voltage, DC	1000 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	46
200	65
400	93
900	140
1200	162
1500	182
1800	200
2000	211
2500	236

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 10mm
Minimum bend radius (MBR) dynamic use	multiple bends: 20mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Connectors	compatible with all standard types

Average Power	
MHz	W
100	150
200	106
400	75
900	50
1200	43
1500	39
1800	35
2000	34
2500	30

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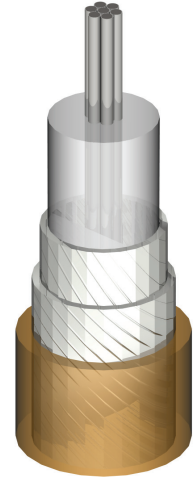
Ref: CC-eRG178-06
Date: 2007-04-27
Approved by: 

Alternatives:

Please ask for details

Construction:

Conductor	Silver plated copper covered steel (7x0,10)	0,30
Dielectric	Solid PTFE	0,84
Braid	2x Silver plated copper (0,10)	1,74
Jacket	FEP, Brown-transparent	2,25
Weight	14 kg/km	
Temperature rating (°C)	-55 / +200°C	
Order reference	30000-178-03	



Notes:

All dimensions nominal (± 4%)
unless otherwise stated.
All dimensions in mm.

Electrical:

Impedance	50 ± 2 Ohms
Capacitance	94 pF/m
Velocity of signal propagation	70 %
Signal delay	4.7 ns/m
Working voltage, AC r.m.s.	500 max
Working voltage, DC	1000 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 -80 dB/m


Attenuation	
MHz	dB/100m
100	46
200	65
400	93
900	140
1200	162
1500	182
1800	200
2000	211
2500	236

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 15mm
Minimum bend radius (MBR) dynamic use	multiple bends: 25mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Connectors	compatible with all standard types

Average Power	
MHz	W
100	150
200	106
400	75
900	50
1200	43
1500	39
1800	35
2000	34
2500	30

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Ref: CC-eRGD178-05
Date: 2007-12-20
Approved by: 

Alternatives:

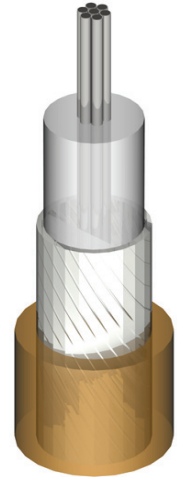
RG 179 (M):
30000-179-00

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

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Ref: CC-eRG179-05
Date: 2007-12-20
Approved by: 

RGD 179 Coaxial - PTFE

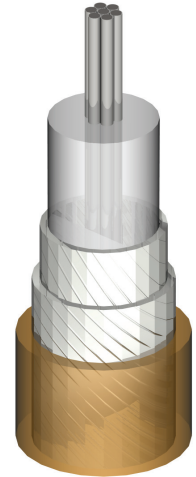
Alternatives:

RGD 179 (M):
30000-179-02

Alternative colours also available

Construction:

Conductor	Silver plated copper (7x0,10)	0,30
Dielectric	Solid PTFE	1,60
Braid	2x Silver plated copper (0,10)	2,50
Jacket	FEP, Brown-transparent	3,00
Weight	23 kg/km	
Temperature rating (°C)	-55 / +200°C	
Order reference	30000-179-55	



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 -80 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

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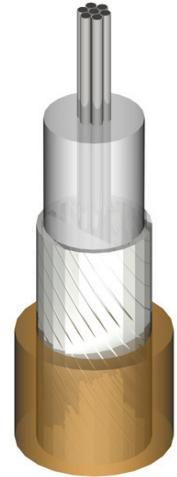
Ref: CC-eRGD179-05
Date: 2007-20-12
Approved by: 

Alternatives:

Please ask for details

Construction:

Conductor	Silver plated copper covered steel (7x0,10)	0,30
Dielectric	Solid PTFE	2,60
Braid	Silver plated copper (0,10)	3,15
Jacket	FEP, Brown-transparent	3,60
Weight	27 kg/km	
Temperature rating (°C)	-55 / +200°C	
Order reference	30000-180-00	



Notes:

All dimensions nominal (± 4%)
unless otherwise stated.
All dimensions in mm.

Electrical:

Impedance	95 ± 5 Ohms
Capacitance	50 pF/m
Velocity of signal propagation	70 %
Signal delay	4.7 ns/m
Working voltage, AC r.m.s.	1000 max
Working voltage, DC	2000 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	21
200	30
400	43
900	65
1200	76
1500	85
1800	94
2000	99
2500	111

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 20mm
Minimum bend radius (MBR) dynamic use	multiple bends: 40mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Connectors	compatible with all standard types

Average Power	
MHz	W
100	440
200	311
400	220
900	147
1200	127
1500	114
1800	104
2000	98
2500	88

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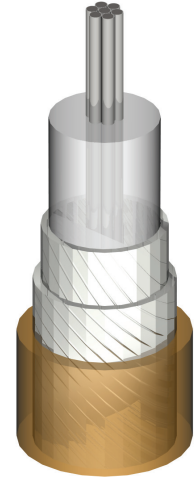
Ref: CC-eRG180-04
Date: 2007-04-27
Approved by: 

Alternatives:

Please ask for details

Construction:

Conductor	Silver plated copper covered steel (7x0,10)	0,30
Dielectric	Solid PTFE	2,60
Braid	2x Silver plated copper (0,10)	3,65
Jacket	FEP, Brown-transparent	4,10
Weight	39 kg/km	
Temperature rating (°C)	-55 / +200°C	
Order reference	30000-180-07	



Notes:

All dimensions nominal (± 4%)
unless otherwise stated.
All dimensions in mm.

Electrical:

Impedance	95 ± 5 Ohms
Capacitance	50 pF/m
Velocity of signal propagation	70 %
Signal delay	4.7 ns/m
Working voltage, AC r.m.s.	1000 max
Working voltage, DC	2000 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 -80 dB/m

Attenuation	
MHz	dB/100m
100	21
200	30
400	43
900	65
1200	76
1500	85
1800	94
2000	99
2500	111

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 25mm
Minimum bend radius (MBR) dynamic use	multiple bends: 45mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Connectors	compatible with all standard types

Average Power	
MHz	W
100	440
200	311
400	220
900	147
1200	127
1500	114
1800	104
2000	98
2500	88

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Ref: CC-eRGD180-04
Date: 2007-04-27
Approved by: 