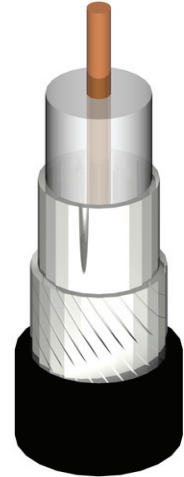


Alternatives:

Please ask for details

Construction:

Conductor	Bare copper (1x1,12)	1,12
Dielectric	Foamed PE	2,95
Tape	Aluminium / mylar (bonded to dielectric)	3,07
Braid	Tin plated copper	3,70
Jacket	HFS 80 T, Black	4,95
Weight	35 kg/km	
Temperature rating (°C)	-25 / +80°C	
Order reference	33000-300-00	



Notes:

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

Electrical:

Impedance	50 ± 2 Ohms
Capacitance	80 pF/m
Velocity of signal propagation	83 %
Signal delay	4 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 -90 dB/m

Attenuation	
MHz	dB/100m
50	8
100	11
200	15
400	22
900	33
1500	43
1800	47
2000	50
2500	56

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 13mm
Minimum bend radius (MBR) dynamic use	multiple bends: 50mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Halogen free	passes IEC 60754-2
Smoke generation	passes IEC 61034-2
Connectors	Information can be provided on request

Average Power	
MHz	W
50	1020
100	550
200	385
400	275
900	180
1500	140
1800	130
2000	120
2500	100

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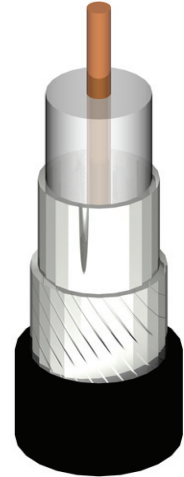
Ref: SF-eSF300-02
Date: 2007-04-08
Approved by:

Alternatives:

Please ask for details

Construction:

Conductor	Bare copper (1x1,42)	1,42
Dielectric	Foamed PE	3,81
Tape	Aluminium / mylar (bonded to dielectric)	3,90
Braid	Tin plated copper	4,50
Jacket	HFS 80 T, Black	6,10
Weight	59 kg/km	
Temperature rating (°C)	-25 / +80°C	
Order reference	33000-400-00	



Notes:

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

Electrical:

Impedance	50 ± 2 Ohms
Capacitance	79 pF/m
Velocity of signal propagation	84 %
Signal delay	4 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 -90 dB/m


Attenuation	
MHz	dB/100m
50	6
100	8
200	12
400	17
900	25
1500	33
1800	36
2000	38
2500	43

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 20mm
Minimum bend radius (MBR) dynamic use	multiple bends: 60mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Halogen free	passes IEC 60754-2
Smoke generation	passes IEC 61034-2
Connectors	Information can be provided on request

Average Power	
MHz	W
50	1150
100	800
200	565
400	400
900	260
1500	200
1800	180
2000	170
2500	150

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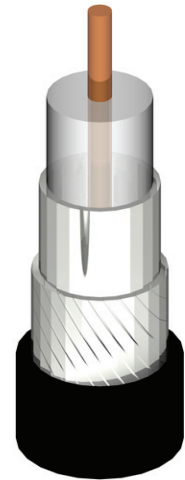
Ref: SF-eSF400-02
Date: 2007-04-08
Approved by: 

Alternatives:

Please ask for details

Construction:

Conductor	Bare copper (1x1,78)	1,78
Dielectric	Foamed PE	4,80
Tape	Aluminium / mylar (bonded to dielectric)	5,00
Braid	Tin plated copper	5,70
Jacket	HFS 80 T, Black	7,60
Weight	94 kg/km	
Temperature rating (°C)	-25 / +80°C	
Order reference	33000-500-00	



Notes:

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

Electrical:

Impedance	50 ± 2 Ohms
Capacitance	79 pF/m
Velocity of signal propagation	85 %
Signal delay	4 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 -90 dB/m

Attenuation	
MHz	dB/100m
50	5
100	7
200	10
400	14
900	22
1500	28
1800	31
2000	32
2500	37

Environmental & Mechanical:

Minimum bend radius (MBR) single bend (installation)	single bend: 23mm
Minimum bend radius (MBR) dynamic use	multiple bends: 75mm
Flame resistance	passes IEC 60332-3-24
Flammability	passes UL 94 V-0
Halogen free	passes IEC 60754-2
Smoke generation	passes IEC 61034-2
Connectors	Information can be provided on request

Average Power	
MHz	W
50	1600
100	1125
200	795
400	550
900	360
1500	280
1800	250
2000	240
2500	210

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