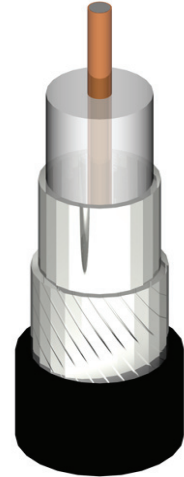


**Alternatives:**

Please ask for details

**Construction:**

Conductor	Copper covered aluminium (1x2,77)	2,77
Dielectric	Foamed PE	7,24
Tape	Aluminium / mylar (bonded to dielectric)	7,40
Braid	Tin plated copper	8,13
Jacket	HFS 80 T, Black	10,3
Weight	121 kg/km	
Temperature rating (°C)	-25 / +80°C	
Order reference	<b>33000-700-00</b>	



**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	3
100	4
200	6
400	9
900	13
1500	17
1800	19
2000	20
2500	23

**Environmental & Mechanical:**

Minimum bend radius (MBR) single bend (installation)	single bend: 25mm
Minimum bend radius (MBR) dynamic use	multiple bends: 100mm
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	2600
100	1835
200	1255
400	880
900	580
1500	440
1800	400
2000	370
2500	330

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.

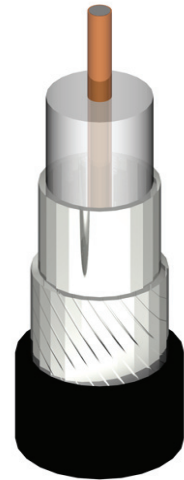
Ref: SF-eSF700-02  
Date: 2007-04-08  
Approved by: 

**Alternatives:**

Please ask for details

**Construction:**

Conductor	Copper covered aluminium (1x3,61)	3,61
Dielectric	Foamed PE	9,40
Tape	Aluminium / polyester (bonded to dielectric)	9,55
Braid	Tin plated copper	10,3
Jacket	HFS 80 T, Black	12,7
Weight	150 kg/km	
Temperature rating (°C)	-25 / +80°C	
Order reference	<b>33000-900-00</b>	



**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	3
100	4
200	5
400	7
900	11
1500	14
1800	15
2000	16
2500	18

**Environmental & Mechanical:**

Minimum bend radius (MBR) single bend (installation)	single bend: 32mm
Minimum bend radius (MBR) dynamic use	multiple bends: 130mm
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	3400
100	2325
200	1675
400	1165
900	750
1500	570
1800	520
2000	490
2500	430

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Approved by: 