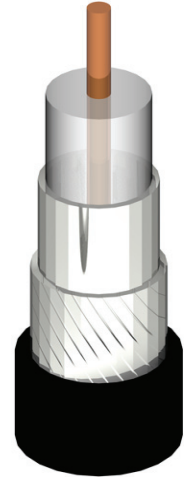


Alternatives:

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

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