

Construction:

Alternatives:

Acc. to M17/138-00001

PFA jacket
Specified SRL limits

Acc. to M17/113-RG 316

FEP jacket (Transparent)
Specified SRL limits

Speedflex 316

Low Smoke Zero Halogen

Alternative jacket colours
also available

Construction:

	Ø (mm)
Conductor.....Silver plated copper covered steel (7x0,17)	0,51
Dielectric.....Solid PTFE	1,52
Braid.....Silver plated copper (0,10)	2,05
Jacket.....FEP, White	2,50
Weight.....	15 kg/km



Technical Data / Attenuation & Power:

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.....	1000 max
Working voltage, DC.....	2000 max
Attenuation, typical values.....	see table
(Nominal values at an ambient air temperature of +20°C)	
Power, typical values.....	see table
(Ambient temperature of +20°C at sea level and VSWR 1.0)	
Suitable for frequencies.....	up to 2,5 GHz
Minimum bend radius (MBR).....	single bend: 15mm
Minimum bend radius (MBR).....	multiple bends: 30mm
Operating temperature.....	-55 / +200
Flame resistance.....	passes IEC 60332-3 Cat A
Flammability.....	passes UL 94 V-0
Connectors.....	compatible with all standard types

Frequency (MHz)	Attenuation (dB/100m)
100	26,7
200	37,9
300	46,6
400	54,0
500	60,5
600	66,4
700	71,8
800	76,9
900	81,7
1000	86,3
1100	90,6
1200	94,8
1300	98,8
1400	102,7
1500	106,4
1600	110,0
1700	113,6
1800	117,0
1900	120,3
2000	123,6
2100	126,8
2200	129,9
2300	132,9
2400	135,9
2500	138,9

Frequency (MHz)	Power (W)
100	340
200	240
300	196
400	170
500	152
600	139
700	129
800	120
900	113
1000	108
1100	103
1200	98
1300	94
1400	91
1500	88
1600	85
1700	82
1800	80
1900	78
2000	76
2100	74
2200	72
2300	71
2400	69
2500	68

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. These products are manufactured generally in accordance with the Mil Spec in terms of design parameters and performance. Habia are not qualified to release product to the appropriate QPL.