FISA TEHNICA KAB0030

Electrical performance

Impedance		Ohm	50±2
Capacitance		pF/m	80±2
Velocity ratio		%	83.0
DC resistance	Loop	Ohm/km	12.3
	Inner conductor	Ohm/km	3.5
Attenuation at	5 MHz	dB/100 m	0.8
	10 MHz	dB/100 m	1.2
	50 MHz	dB/100 m	2.8
	100 MHz	dB/100 m	4.0
	200 MHz	dB/100 m	5.7
	230 MHz	dB/100 m	6.1
	300 MHz	dB/100 m	7.0
	400 MHz	dB/100 m	8.4
	600 MHz	dB/100 m	10.4
	800 MHz	dB/100 m	12.3
	860 MHz	dB/100 m	13.8
	1000 MHz	dB/100 m	14.0
	1350 MHz	dB/100 m	16.7
	1600 MHz	dB/100 m	--
	1750 MHz	dB/100 m	19.5
	2150 MHz	dB/100 m	22.5
	2400 MHz	dB/100 m	23.6
Power rating at 40 C	7 MHz	Watt	3200
	14 MHz	Watt	2200
	21 MHz	Watt	1840
	28 MHz	Watt	1590
	50 MHz	Watt	1180
	100 MHz	Watt	820
	144 MHz	Watt	680
	432 MHz	Watt	370
	800 MHz	Watt	265
	900 MHz	Watt	250
	1296 MHz	Watt	200
	2320 MHz	Watt	145
	5000 MHz	Watt	90
	10000 MHz	Watt	55
Return loss at	5 - 470 MHz	dB	>23.0
	470 - 862 MHz	dB	>20.0
	862 - 2150 MHz	dB	>18.0
Screening efficiency	30 - 1000 MHz	dB	>100.0

Construction and dimensions

Material conductor		Bare Cooper
Diameter conductor	mm	2.62
Construction	nxmm	--
Material dielectric		Gas injected PE
Diameter dielectric	mm	7.15±0.2
Type of foil		Cu
Overlap foil	mm	--
Braiding material		Bare cooper
Braiding	%	49
Diameter outer conductor	mm	7.9±0.25
Sheath material		PVC
Diameter sheath	mm	10.3±0.3
Min. setting radius	mm	100