Televes®

Technical specifications : Ref. 2123

Model		DK6000													
Type		U/UTP													
Euroclass		Dca													
Euroclass: Smoke Production		s2													
Euroclass: Flaming droplets		d2													
Euroclass: Acidity		a1													
Categorie		Cat 6													
Transmission bandwidth		400MHz													
Transfer rate		1Gbps													
Conductor Diameter	in	0.022													
Conductor Material		Solid copper													
Conductor type AWG		23													
Conductor isolation Diameter	in	0.039													
Conductor isolation Material		Polyethylene													
Crucifix filler		Yes													
Outer sheath Diameter	in	0.244													
Outer sheath Material		LSFH													
Outer sheath Thickness	in	0.02													
Rip cord		Yes													
Spark Test	Vac	3000													
Nominal impedance	Ω	100													
Conductor resistance	Ohm/100 m	< 9.38													
Nominal speed	%	72													
Working voltage	V	300													
Operating temperature	°F	-13 ... 158													
Frequencies		1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31,25 MHz	62,5 MHz	100 MHz	200 MHz	250 MHz	300 MHz	400 MHz
Attenuation (max.)	dB/100m	2	3.8	5.3	6	7.6	8.5	9.5	10.7	15.4	19.8	29	32.8	--	--
Attenuation (typ.)	dB/100m	1.7	3.5	5	5.6	7.1	8	8.9	10	14.4	18.3	26.2	29.4	32.8	37.7
NEXT (min.)	dB/100m	74.3	65.3	60.8	59.3	56.2	54.8	53.3	51.9	47.4	44.3	39.8	38.3	--	--
NEXT (typ.)	dB/100m	87.3	78.1	74.1	70.1	67.3	65.9	64.1	62.2	57.3	57	50.5	49.5	44	36.5
PS NEXT (min.)	dB/100m	72.3	63.3	58.8	57.3	54.2	52.8	51.3	49.9	45.4	42.3	37.8	36.3	--	--
PS NEXT (typ.)	dB/100m	84.9	76.2	71.2	67.7	64.8	64.1	62.9	60.5	56.1	52.1	46.5	45.3	41.2	35.6
ACR-N (min.)	dB/100m	72.3	61.5	55.5	53.3	48.6	46.3	43.8	41.2	32	24.5	10.8	5.5	--	--
ACR-N (typ.)	dB/100m	85.5	74.4	69.1	64	59.9	57.9	55.3	52.2	43	36.1	22.7	19.2	11.2	-1.2
PS ACR-N (min.)	dB/100m	70.3	59.5	53.5	51.3	46.6	44.3	41.8	39.2	30	22.5	8.8	3.5	--	--
PS ACR-N (typ.)	dB/100m	83.2	71.8	66.2	62	57.6	56.2	54.1	50.5	41.5	34.4	20.3	16	9	-1.7
ACR-F (min.)	dB/100m	67.8	55.8	49.7	47.8	43.7	41.8	39.8	37.9	31.9	27.8	21.8	19.8	--	--
ACR-F (typ.)	dB/100m	78.1	66	60.9	58.7	54.3	52.5	50.4	49	41.6	38.6	30.5	28.6	23.9	22.3
PS ACR-F (min.)	dB/100m	64.8	52.8	46.7	44.8	40.7	38.8	36.8	34.9	28.9	24.8	18.8	16.8	--	--
PS ACR-F (typ.)	dB/100m	74.7	63.2	58.1	56.2	52.9	50.4	48.4	46.5	40.3	35.8	28.6	26.8	20.5	16.5
Return losses (min.)	dB	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	18	17.3	--	--
Return losses	dB	25.6	26.6	29.3	29.8	31.9	32.3	32.1	32.5	31.6	27.7	24.8	23.1	21.8	19.3