

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																				0.04
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		Ω/100m																				< 9.38
Nominal speed		%																				72
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						