

Technical specifications : Ref. 209016

Type																			U/UTP
Categorie																			Cat 6
Transmission bandwidth																			250MHz
Transfer rate																			1Gbps
Conductor Diameter	in																		0.007
Conductor Material																			Flexible copper
Conductor type AWG																			24
Conductor isolation Diameter	in																		0.038
Conductor isolation Material																			Polyethylene
Crucifix filler																			Yes
Outer sheath Diameter	in																		0.224
Outer sheath Material																			PVC
Outer sheath Thickness	in																		0.024
Rip cord																			No
Cable length	m																		7
Data connector type																			RJ45
Spark Test	Vac																		3000
Nominal impedance	Ω																		100
Conductor resistance	Ohm/km																		< 117
Nominal speed	%																		72
Working voltage	V																		300
Operating temperature	°F																		-22 ... 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						
NEXT (typ.)	dB/100m	65	63	58.2	56.6	53.2	51.6	50	48.4	43.4	39.9	34.8	33.1						
PS NEXT (typ.)	dB/100m	62	60.5	55.6	54	50.6	49	47.3	45.7	40.6	37.1	31.9	30.2						
ACR-F (typ.)	dB/100m	63.3	51.2	45.2	43.3	39.2	37.2	35.3	33.4	27.3	23.3	17.2	15.3						
PS ACR-F (typ.)	dB/100m	60.3	48.2	42.2	40.3	36.2	34.2	32.3	30.4	24.3	20.3	14.2	12.3						
Return losses	dB	19	19	19	19	18	17.5	17	16.5	14	12	9	8						