

Technical specifications : Ref. 209012

Type																U/UTP
Categorie																Cat 6
Transmission bandwidth																250MHz
Transfer rate																1Gbps
Conductor Diameter	mm															0.2
Conductor Material																Flexible copper
Conductor type AWG																24
Conductor isolation Diameter	mm															0.96
Conductor isolation Material																Polyethylene
Crucifix filler																Yes
Outer sheath Diameter	mm															5.7
Outer sheath Material																LSFH
Outer sheath Thickness	mm															0.62
Rip cord																No
Cable length	m															1
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	°C															-30 ... 70
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			