

## Technical specifications : Ref. 2199

Type																	U/UTP
Euroclass																	Eca
Categorie																	Cat 6
Transmission bandwidth																	250MHz
Transfer rate																	1Gbps
Conductor Diameter	in																0.022
Conductor Material																	Solid copper
Conductor type AWG																	23
Conductor isolation Diameter	in																0.037
Conductor isolation Material																	Polyethylene
Crucifix filler																	Yes
Outer sheath Diameter	in																0.244
Outer sheath Material																	PVC
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
Working voltage	V																300
Operating temperature	°F																-22 ... 158
Frequencies		0.772 MHz	1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31.25 MHz	62.5 MHz	100 MHz	125 MHz	200 MHz	250 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	1.8	2	3.8	5.4	6	7.6	8.5	9.6	10.7	15.5	19.9	22.4	29.2	33		
ACR-N (typ.)	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		
PS ACR-N (typ.)	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		
Return losses (typ.)	dB	--	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	--	18	17.3		