Televes®

Technical specifications : Ref. 209002

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											
Data connector type		RJ45											
Spark Test	Vac	3000											
Nominal impedance	Ω	100											
Conductor resistance	Ω/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