Televes®

Technical specifications : Ref. 209018

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