Televes®

Technical specifications : Ref. 219701

Type		U/UTP									
Euroclass		Fca									
Categorie		Cat 5E									
Transmission bandwidth		100MHz									
Transfer rate		100Mbps									
Conductor Diameter	in	0.02									
Conductor Material		Electrolytic copper									
Conductor type AWG		24									
Conductor isolation Diameter	in	0.037									
Conductor isolation Material		Polyethylene									
Crucifix filler		No									
Outer sheath Diameter	in	0.217									
Outer sheath Material		PE									
Outer sheath Thickness	in	0.024									
Rip cord		Yes									
Spark Test	Vac	3000									
Nominal impedance	Ω	100									
Conductor resistance	Ω/100m	< 9.38									
Nominal speed	%	69									
Operating temperature	°F	-40 ... 176									
Frequencies		1 MHz	4 MHz	8 MHz	10 MHz	16 MHz	20 MHz	25 MHz	31.25 MHz	62.5 MHz	100 MHz
Attenuation (max.)	dB/100m	2	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17	22
NEXT (min.)	dB/100m	65.3	56.3	51.8	50.3	47.2	45.8	44.3	42.9	38.4	35.3
PS NEXT (min.)	dB/100m	62.3	53.3	48.8	47.3	44.2	42.8	41.3	39.9	35.4	32.3
ACR-N (min.)	dB/100m	63.3	52.2	46	43.8	39	36.5	33.9	31.2	21.4	13.3
PS ACR-N (min.)	dB/100m	60.3	49.2	43	40.8	36	33.5	30.9	28.2	18.4	10.3
ACR-F (min.)	dB/100m	63.8	51.8	45.7	43.8	39.7	37.8	35.8	33.9	27.9	23.8
PS ACR-F (min.)	dB/100m	60.8	48.8	42.7	40.8	36.7	34.8	32.8	30.9	24.9	20.8
Return losses (min.)	dB	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1