Televes®

Technical specifications : Ref. 211603

Model		CXT-5																		
Cable type		RG-59																		
Standard		EN 50117-9-2																		
Euroclass		Eca																		
Class		B																		
Inner conductor Diameter	in	0.031																		
Inner conductor Material		Copper-clad steel (CCS)																		
Inner conductor Resistance	Ω/km	< 130																		
Dielectric Diameter	in	0.134																		
Dielectric Material		Foam polyethylene (PEE)																		
Dielectric Color		White RAL 9003																		
Overlapped foil		Aluminium + Polyester																		
Braid Material		Aluminium																		
Braid dimensions: No. of carriers (Nc)		16																		
Braid Dimensions: No. of strands per carrier (Ns)		4																		
Braid Dimensions: strand diameter (Ø)	in	0.005																		
Braid Resistance	Ω/km	< 35																		
Braid Coverage	%	55																		
2nd foil		No																		
2nd foil glued to the dielectric		No																		
Petrol-Jelly		No																		
Anti-migrating film		No																		
Outer sheath Diameter	in	0.197																		
Outer sheath Material		PVC																		
Minimum bending radius	in	0.984																		
Transfer impedance (5-30MHz)	mΩ/m	< 15																		
1GHz shielding	dB	> 75																		
Spark Test	Vac	3000																		
Capacitance	pF/m	53																		
Impedance	Ω	75																		
Velocity ratio	%	82																		
Operating temperature	°F	-22 ... 158																		
Frequencies		5 MHz	47 MHz	54 MHz	90 MHz	200 MHz	500 MHz	698 MHz	800 MHz	862 MHz	950 MHz	1000 MHz	1220 MHz	1350 MHz	1750 MHz	2050 MHz	2150 MHz	2200 MHz	2300 MHz	2400 MHz	3000 MHz
Attenuation (typ.)	dB/m	0.02	0.06	0.06	0.07	0.11	0.18	0.22	0.23	0.24	0.25	0.25	0.29	0.3	0.34	0.37	0.38	0.4	0.4	0.4	0.45