

## Technical specifications : Ref. 210603

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 (Cu)	
Inner conductor Resistance	$\Omega$ /km	< 37	
Dielectric Diameter	in	0.134	
Dielectric Material		Foam polyethylene (PEE)	
Dielectric Color		White RAL 9003	
Overlapped foil		Aluminium + Polyester + Aluminium	
Braid Material		Tinned Copper Clad Aluminium Magnesium (TCCAM)	
Braid dimensions: No. of carriers (Nc)		16	
Braid Dimensions: No. of strands per carrier (Ns)		4	
Braid Dimensions: strand diameter ( $\emptyset$ )	in	0.005	
Braid Resistance	$\Omega$ /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)	m $\Omega$ /m	< 15	
1GHz shielding	dB	> 75	
Spark Test	Vac	3000	
Capacitance	pF/m	53	
Impedance	$\Omega$	75	
Velocity ratio	%	82	
Operating temperature	$^{\circ}$ 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	