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SPECIFICATION FOR APPROVAL

STYLE : **Cresnet Compatible**

SIZE : **18AWG ×2C+(22AWGX1P A+E)**

APPROVAL MARK : **CL3R**

PART NO. : **CSNT**



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SPECIFICATION			
STYLE	SPKR CNTRL WIRE		
SIZE	18AWG/2C+(22AWG ×1P A+E)	PART NO. : CSNT	
CONSTRUCTION:			
CONDUCTOR	SIZE	18AWG/2C	22AWG/1P
	STRUCTURE	16/ 30AWG(0.254mm)	7/ 30AWG(0.252mm)
	DIAMETER	0.046" (APPROX.)	0.030"(APPROX.)
	MATERIAL	BARED STRANDED COPPER	BARED SOLID COPPER
INSULATION	MATERIAL	SR-PVC	FOAM-PE CHARACTERISTIC IMPEDECE: 110Ω ±5Ω
	AVERAGE THICKNESS	0.010"	0.026"
	DIAMETER	0.067" ±0.004"	0.082" ±0.0004"
	COLOR	BLACK.RED	BLUE,WHITE
ASSEMBLY	DIAMETER	-----	0.165" (APPROX.)
WRAP	MATERIAL	-----	ALMYLAR
DRAIN WIRE	STRUCTURE	-----	TIN COPPER 7/0.0078"
ASSEMBLY	DIAMETER	0.177"	
RIP CORD	TEDLON	1000D	
JACKET	MATERIAL	PVC(According to EPA3050B, Pb<90ppm; According to EN1122:2001,Cd<5ppm)	
	AVERAGE THICKNESS	0.031"	
	DIAMETER	0.250" ±0.008"	
	COLOR	GREEN/YELLOW STRIPE	
PACKING		1000'/wood reel	
NET Weight		34.9lb/1000ft	

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ELECTRICAL & PHYSICAL PROPERTIES			PART NO : CSNT	
ITEM SIZE		18AWG / 2C	22AWG / 1P	
RATING TEMPERATURE & VOLTAGE		75°C 300V		
CONDUCTOR RESISTANCE (MAX AT 20°C)		21.8KΩ /KM	55KΩ /KM	
INSULATION	UNAGED	TENSILE STRENGTH	3000 PSI MIN.	-----
		ELONGATION	100%	-----
	AGED	TENSILE STRENGTH	70% UNAGED(113 ± 1.0°C ×168 H) MIN.	-----
		ELONGATION	70% UNAGED(113 ± 1.0°C. ×168 H) MIN.	-----
JACKET	UNAGED	TENSILE STRENGTH	1500PSI MIN.	
		ELONGATION	100% MIN.	
	AGED	TENSILE STRENGTH	70% UNAGED MIN.(100 ±1°C ×168 H)	
		ELONGATION	65% UNAGED MIN.(100 ±1°C ×168 H)	
HEAT SHOCK TEST		NO CRACK (121 ±1°C ×1 H)		
COLD-BEND TEST		NO CRACK (-10 ±1°C ×4 H)		
DEFORMATION TEST		T2/T1 > 0.45 (121 ±1°C ×1 H)		
FLAME TEST		OK (CL3R)		
MARKING: 18/22CRT - TOUCH PANEL CONTROL CABLE 22AWG (1PR) 18AWG (1PR) E122980-D TYPE CL3R FT4 (UL) XXXXXXFT				

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