SPECIFICATION CONTROL DRAWING										55PC6217			
TWO CONDUCTOR CABLE, DOUBLE SHIELDED, DOUBLE JACKETED, 600 VOLT									Date Revision 12-14-01				
			This spe	cification shee	et forms a	part of the lat	est issue of Ra	ychem Specifi	cation 55PC.				
	COMPO	ONENT WII	RES - 55PC0		SHIELDS-	NICKEL-COAT	EDCOPPER	JACKE	TS - RADIATI MODIFIE	ON-CROSSLIN D ETFE	IKED,		
					0	ONSTRUCTIO	N DETAILS						
PART NUMBER		1ST	1ST JACKET THICKNESS (in.)		2ND	2ND JACKET THICKNESS (in.)		DIAMETER (in.)			WEIGHT (lbs/1000 ft.)		
	SIZE (AWG)	SHIELD SIZE (AWG)	LOWER SPEC LIMIT	TARGET WALL	SHIELD SIZE (AWG)	LOWER SPEC LIMIT	TARGET WALL	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	
55PC6217-24-		38	.0040	.0050	38	.0080	.0100	.129	.135	.141	19.57	20.66	
55PC6217-22-		38	.0040	.0050	38	.0080	.0100	.141	.147	.153	23.28	24.43	
55PC6217-20-		38	.0040	.0050	38	.0080	.0100	.157	.163	.169	28.71	30.01	
55PC6217-18- 55PC6217-16-		38 38	.0040 .0040	.0050 .0050	38 38	.0080 .0080	.0100 .0100	<u>.177</u> .192	.183 .198	.189 .204	<u>36.66</u> 42.64	37.85 43.90	
				CABLE R	ATINGS A	AND ADDITIC	NAL REQUIR	EMENTS					
TEMPERATURE RATING: 200°C Maximum continuous conductor temperature VOLTAGE RATING: 600 volts (rms) CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz, conductor to conductor & shield 500 volts (rms), 60 Hz, shield to shield JACKET COLOR: White preferred JACKET ELONGATION AND TENSILE STRENGTH: Elongation, 50% (minimum) (each) Tensile Strength, 5000 lbf/in ² (minimum) (each) JACKET FLAWS: Spark Test, 1000 volts (rms), 100% test Impulse Dielectric Test, 6.0 kV (peak), 100% test							 SHIELD COVERAGE: 85% (minimum) each shield VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL): 1000 volts (rms), 60 Hz, 1 minute PART NUMBER: The "*" in the part numbers above shall be replaced by color code designators with a slash separating the component wire colors, a dash separating the component wire colors from the inner jacket color and a dash separating the inner jacket color from the outer jacket color. Example: AWG 22, red and blue component wires; white inner jacket and white outer jacket: 55PC6217-22-2/6-9-9 						
	COLOR AN	ID COLOR CO	DE DESIGNATOF	RS SHALL BE IN A	CCORDANCE	E WITH MIL-STD-6	81.			Ravo	chem		
age 1 of 1 THIS SPECIFICATION SHEET TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATION FOR BID.										300 Constitution	Drive, Menlo Park, Cali m Fax: 1-650-361-6297		