	24F		<u>CATION</u>	CON	IKUL		WING					55PC6075
WIRE, RADIATION-CROSSLINKED, MODIFIED ETFE-INSULATED, GENERAL PURPOSE, HOOKUP, 600 VOLT										16-05	Revision A	
			This	s specification	n sheet forms	a part of the	e latest issue of R	aychem Spe	cification 55PC			
	CONDUCT	STR	VER-COATED ULT RENGTH COPPER TE: Silver-Coating 80 micro inches	ALLOY (UNII Thickness -					NSULATION - R	ADIATION-C ODIFIED ET		D,
						CONSTRUC	TION DETAILS		FINIC			
		WIRE	STRANDING	CONDUCTOR DIAMETER (in.)		MAXIMUM	FINISHED WIRE DIAMETER (in.)		WEIGHT (lbs/1000 ft.)			
PART NUM <u>1</u> /	-	SIZE (AWG)		LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	RESISTANCE AT 20°C (ohms/1000 ft.)	LOWER SPEC LIMIT	TARGET VALUE	UPPER SPEC LIMIT	TARGE [®] VALUE	T UPPER SPEC
55PC60)75-26-*	26	19 x 38	.018	.019	.020	56.4	.029	.031	.033	1.30	1.41
TEMPERATURE RATING: 200°C Maximum continuous conductor temperature VOLTAGE RATING: 600 volts (rms) at sea level COLOR: White preferred CROSSLINK VERIFICATION: 300 ± 3°C for 1 hour IDENTIFICATION AND COLOR STRIPING DURABILITY: 125 cycles (250 strokes) (minimum), 500 g weight INSULATION ELONGATION AND TENSILE STRENGTH: Tensile Strength, 5000 lbf/in ² (minimum) Elongation, 50% (minimum)						ITIONAL REQUIREMENTS INSULATION FLAWS: Spark Test, 3.0 kV (rms) Impulse Dielectric Test, 8.0 kV (peak) INSULATION THICKNESS: .006 in. (nominal) SHRINKAGE: 230 ± 3°C for 1 hour, 0.125 in. (maximum) in 12 in. VOLTAGE WITHSTAND TEST (POST ENVIRONMENTAL): 2500 volts (rms) PART NUMBER: The "*" in the part number above shall be replaced by a color code designato <u>1</u> / Example: AWG 26, white: 55PC6075-26-9						
		Users s	hould evaluate the su eserves the right to m	uitability of this nake changes ii	product for thei n materials or pi	r application. ocessing, whi	Specifications are s ch do not affect com	ubject to chang pliance with ai	ge without notice ny specification, v	without notifica	ation to Buyer.	
	Tyco Electro			1/ COLORS AND COLOR CODE DESIGNATORS SHALL BE IN ACCORDANCE WITH MIL-STD-681. OTHER CODES AND SUFFIXES MAY BE ADDED TO THE PART NUMBER, AS NECESSARY, TO CAPTURE ANY ADDITIONAL REQUIREMENTS IMPOSED BY THE PURCHASE ORDER.								
	Tyco Electro	1/COLORS	AND COLOR CODE DES THE PART NUMBER, AS	SIGNATORS SHAL	L BE IN ACCORDA CAPTURE ANY A	ANCE WITH MIL- DDITIONAL REC	UIREMENTS IMPOSED	BY THE PURCH	ASE ORDER.	1	LUCO	Raychem Wire & Cable 501 Oakside Avenue