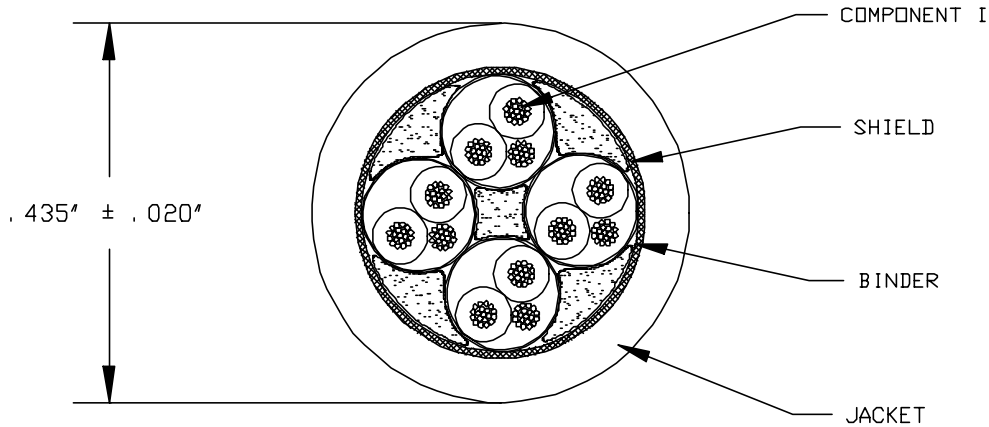


**GeneralCable**  
**T-14423**  
**FOUR SHIELDED PAIRS**



COMPONENT I - TWISTED PAIR SHIELDED #22 AWG (TPS#22)  
 (ITEMS 1-4) PRIMARY  
 CONDUCTOR: #22AWG 19/34 TINNED COPPER  
 INSULATION: XLPE - .016" NOMINAL WALL  
 DIAMETER: .064" NOMINAL  
 TWISTED PAIR  
 TWO (2) OF THE ABOVE PRIMARIES AND (1) #22AWG 19/34  
 TINNED COPPER DRAIN WIRE TWISTED TOGETHER WITH A 1.25" L. H. LAY  
 SHIELD: .0015" ALUMINUM/MYLAR TAPE-25% OVERLAP-ALUM. SIDE IN  
 DIAMETER: .132" NOMINAL

FILLERS - AS REQUIRED TO MAINTAIN A CIRCULAR CABLE CROSS-SECTION

CABLE - CORE: FOUR (4) TPS#22 (ITEMS 1-4) & FILLERS X L. H. LAY  
 BINDER: .001" MYLAR TAPE - 25% OVERLAP  
 SHIELD: #36AWG TINNED COPPER BRAID - 85% COVERAGE  
 JACKET: HYPALON (BLACK)-.055" NOMINAL WALL  
 DIAMETER: .435" ± .020"  
 UL: TYPE CL3  
 TEMPERATURE: +90°C TO -45°C  
 JACKET PRINT: \*GENERAL CABLE BRAND-REX BRAND (WC) 90C 4/PR #22  
 TYPE CL3 (UL)/CSA AWM IIA 90C 300V FT1"

CLOR CODE	ITEM NUMBER	COLOR
	1	BLACK WHITE
	2	BLACK RED
	3	BLACK ORANGE
	4	BLACK GREEN

ELECTRICALS -  
 IMPEDANCE: 73 OHMS NOMINAL  
 CAPACITANCE: 20.5 pf/ft NOMINAL  
 CONDUCTOR DCR: 15.5 OHMS/M' MAXIMUM

<b>REVISIONS</b>	O	3/18/93	FIRST ISSUE
	A	7/24/96	UPDATE DRAWING FORM
	B	1/07/00	COMPANY CHANGE
	C	7/17/02	UPDATE DRAWING

**GeneralCable**  
 1600 West Main Street, Willimantic, CT 06226-1128  
The Power of One

DRAWING NO: G170

<b>REFERENCES</b>	INDUSTRIAL ELECTRIC
	GeneralCable PART #254740 T-14423

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