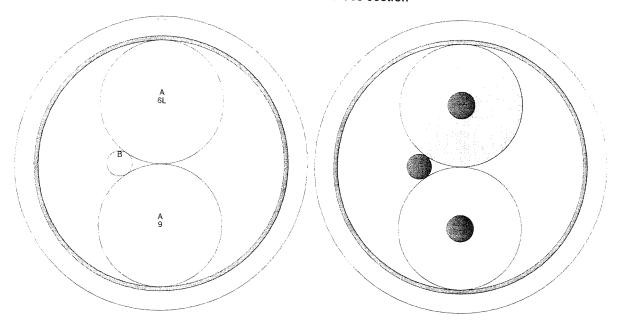


Specification Control Drawing

5024M0024 2 conductor cable Issue 1 - 9/5/2001

Identification, colors & marks





Components

D	Quantity	Part number	Description	
Α	2	5024M0P24	Dielectric	
В	1	DRAIN-AWG24-S	SHCA 24 AWG 19 Strand	

Cable

Outer	Description	Thickne Inches	ss mm	OD Inches	mm
Core				0.230	5.84
Wrap	Aluminised poly facing in	0.004	0.10	0.238	6.05
Jacket	FEP white	0.018	0.46	0.274	6.96
Cable OD tolerance				+ 0.004	+ 0.10
Weight 30.15 lb/kft		44.95 Kg	ı/Km		

Page 1 of 2



Specification Control Drawing

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Continued					
Physical properties					
Wrap	25% (minimum) overlap				
Jacket tensile strength	2000 psi minimum				
Jacket elongation	200% minimum				
Electrical properties					
Impedance	150 ohms (nominal), Method C, per Raychem Specification 1200				
Capacitance - Mutual	TBD pF/ft (nominal) per Raychem Specification 1200				
Velocity of Propagation	79% (nominal) per Raychem Specification 1200				
Jacket Flaws	Spark Test: 1 kV (rms)				
	Impulse Dielectric Test: 6.0 kV (peak)				
Voltage withstand (dielectric)	1000 volts (rms) conductor to conductor and shield				
	500 volts (rms) shield to shield when applicable per Spec. 1200				
Notes					
Colors	Color code designators shall be in accordance with MIL-STD-681.				
Dimensions	Dimensions are in inches, and unless otherwise designated, are nominal.				
Identification, Colors & Marks	The following is the key to the descriptions in the left hand view of the cable on Page 1.				
	Line 1: Identifies the component per the components' ID list.				
	Line 2: Color codes.				
	Line 3: Mark on component "-" mark on component jacket.				
Minimum length	This cable may be supplied in the following maximum number of continuous				
	lengths: (Order quantity(ft)/300)+1 other length, with no length shorter than 50 ft.,				
	unless other specific length requirements are noted.				

Page 2 of 2

Raychem Corporation Wire & Cable Division 300 Constitution Drive Menlo Park, California, 94025-1164 1-800-2-RAYCHEM, x 1500. This specification sheet takes precedence over documents referenced herein. Referenced documents shall be of the issue in effect on date of invitation to bid. Proposed specification control drawings may be altered prior to final issue.