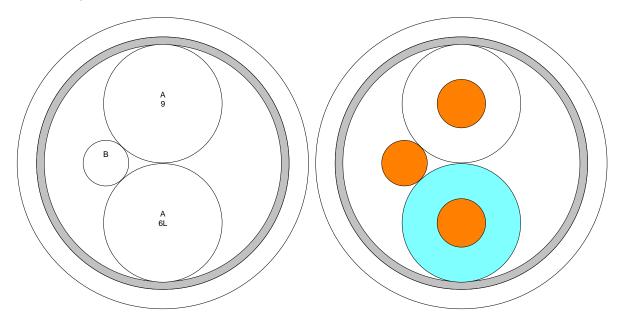


Identification, colors & marks





Components

ID	Quantity	Part number	Description
A	2	0024J0P24	Dielectric
В	1	DRAIN-AWG24-SHCA	A 24 AWG 19 Strand

Cable

Outer	Description	Thickness		OD	
		Inches	mm	Inches	mm
Core				0.122	3.10
Wrap	Aluminised poly facing in	0.004	0.10	0.130	3.30
Jacket	FEP white	0.010	0.25	0.150	3.81
Cable OD tolerance			+ 0.002	+ 0.05	
Weight 13.19 lb/kft		19.67 Kg	g/Km		

tyco

 $\ @$ 2006 Tyco Electronics Corporation. All rights reserved

Electronics
Page 1 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.



Specification Control Drawing

0024J0024 2 conductor cable Issue 3 - 2/28/2006

Continued				
Physical properties				
Jacket tensile strength	2000 psi minimum			
Jacket elongation	200% minimum			
Electrical properties				
Jacket Flaws	Spark Test: 1 kV (rms)			
Impedance	100 ohms (nominal), Method C, per Raychem Specification 1200			
Capacitance - Mutual	12.5 pF/ft (nominal) per Raychem Specification 1200			
Velocity of Propagation	79% (nominal) per Raychem Specification 1200			
Voltage Withstand	(Dielectric) 1000 V (rms)(minimum) per Raychem Specification 1200			
Attenuation (nominal)	2.3 dB/100 ft at 10MHz per Raychem Specification 1200			
Voltage withstand (dielectric)	1000 volts (rms) conductor to conductor and shield			
	500 volts (rms) shield to shield when applicable per WC 27500. Coax			
	Components to their own SCD			
Notes				
Colors	Color code designators shall be in accordance with MIL-STD-681. The color limit are yet to be determined.			
Dimensions	Dimensions are in inches, and unless otherwise designated, are nominal.			
lentification, Colors & Marks Line 1: Identifies the component per the components' table. Line 2: colo Line 3: component marks "-" jacket marks.				
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.			



Electronics

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.