

55718050w-φ/1050cc
721417

REQUIRED PRINT LEGEND AND BASIC CONSTRUCTION REQUIREMENTS	
UL Requirements	CSA Requirements
Description	
Vendor UL ID#	
gauge/conductors	
agency symbol	
UL/RU style	
flame rating	
upper temp. rating	
max. rated voltage	
separator	
start of CSA ratings	
# CONDUCTORS	
conductor metric cross sectional area	
Vendor CSA ID#	
CSA style	
upper temp. rating	
flame rating	
separator	
additional ratings required	
ROCKWELL port number	

ADDITIONAL REQUIREMENTS BEYOND THOSE STATED IN PRINT LEGEND

JACKET CHARACTERISTICS	UL Requirements	CSA Requirements
MATERIAL	PEC	
DIMENSIONS	80-90 SHORE A	
COLOR	BLACK	
CONVOLUTIONS	NONE	
TEXT PRINT COLOR ON CABLE	WHITE	

CONDUCTOR CONSTRUCTION	UL Requirements	CSA Requirements
WIRE SIZE	#18 AWG	
STRANDING MATERIAL	16/20 (16/254mm)	
INSULATION MATERIAL	MULTIPLE TWINED STRANDS	
INSULATION THICKNESS	PVC	
INSULATION DIMENSIONS	0.08 (17mm) WALL	
INSULATION COLOR	SEE DETAIL X AND NOTE 4	
INSULATION BREAK DOWN VOLTAGE OF INDIVIDUAL CONDUCTORS	2000V MIN	

SHIELD CHARACTERISTICS IF REQUIRED	UL Requirements	CSA Requirements
CONSTRUCTION (Solid vs. Liquid vs. Spray)	NA	
MATERIAL		
CONDUCTIVE FILL OMISSION AND FOLD TYPE IF APPLICABLE		
DRAIN WIRE AND POSITION		
* COVERAGE IF PROVIDED		

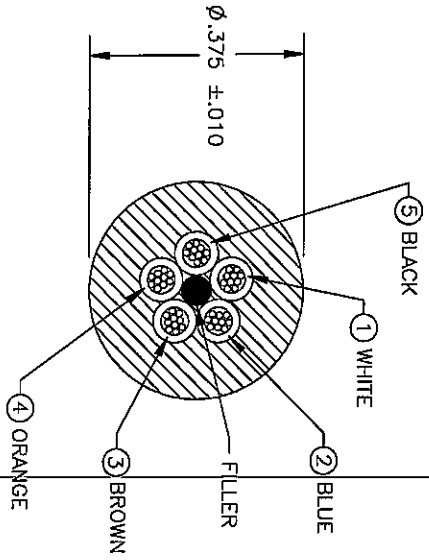
ADDITIONAL CONSTRUCTION REQUIREMENTS	UL Requirements	CSA Requirements
FILLERS	FILLER REQUIRED-IF USED MUST BE VERY FLEXIBLE, NON-STRAINING, NON-ABSORBING, NON-WICKING SOLID FILLER. SEE NOTE IN DETAIL "A"	
CONDUCTORS TO BE TWISTED		
REQUIRED- TAC BETWEEN CONDUCTOR INSULATION AND JACKET		

ADDITIONAL AGENCY RATINGS REQUIRED	UL Requirements	CSA Requirements
CABLE COLD BEND TEMPERATURE	REQUIRED-(400) PER CSA 222 NO. 49-92	
OIL RESISTANCE AND AGENCY STANDARD	REQUIRED-PER UL 508	
UV RESISTANCE AND AGENCY STANDARD	REQUIRED-PER UL 508	
WATER RESISTANCE AND AGENCY STANDARD	REQUIRED-PER UL 82	

REEL SPECIFICATIONS	UL Requirements	CSA Requirements
MAX. REEL DIAMETER	18" (457mm)	
MAX. REEL HEIGHT	15" (381mm)	
MAX. REEL WEIGHT	1000 (2200kg)	
REEL HOLE DIAMETER	1" TO 2 1/2" (25-63mm)	

GENERAL NOTES:

- 1) SUPPLIERS MUST BE UL AND CSA APPROVED FOR THE CONSTRUCTION OF THIS CABLE. IT IS THE SUPPLIER'S RESPONSIBILITY TO SEE THAT THE CONSTRUCTION OF THE PRODUCT AND THE PRINT LEGEND MEET AGENCY REQUIREMENTS.
- 2) SUPPLIERS TO MEET THEIR UL AND CSA FILE NUMBERS IN PRINT LEGEND WHERE SHOWN.
- 3) FILLERS MUST NOT CAUSE THE OTHER JACKET TO SHOW CONDUCTIONS OR DISTORTION WHEN SELECTED TO BEND TEMPERATURE RANGE.
- 4) OMISSION OF FILLER COULD BE CRITICAL TO FINAL ASSEMBLY. CONDUCTORS SHOULD BE CHECKED AGAIN FOR FILLER AS SHOWN PER DETAIL "A".
- 5) CONDUCTORS OF OTHER JACKET TO MEET BUNDLE- WHEN MEASURED AT ANY SPEC CROSS SECTION, THE MEASURED "WALL THICKNESS" MUST BE AT LEAST THAT OF THE MEASURED "WALL THICKNESS".
- 6) STRANDING MUST BE USED IN THE CONSTRUCTION OF THIS CABLE.
- 7) MINIMUM CONDUCTOR STRIPS ARE NOT PERMITTED.
- 8) THE CONDUCTOR AND SUBSTRINGS IF APPLICABLE SHALL BE MANUFACTURED FROM MATERIALS THAT MEET ROOM-TEMPERATURE APPROXIMATIONS.
- 9) THE CABLE MUST BE MANUFACTURED SO THAT A 25 X 25 MM LONG SECTION OF THE OTHER JACKET CAN BE REMOVED WITHOUT USING A SCREWDRIVER POWER TOOLS.
- 10) THE CABLE MUST BE COMPLIANT WITH STRUCTURE THE.



DETAIL "A"

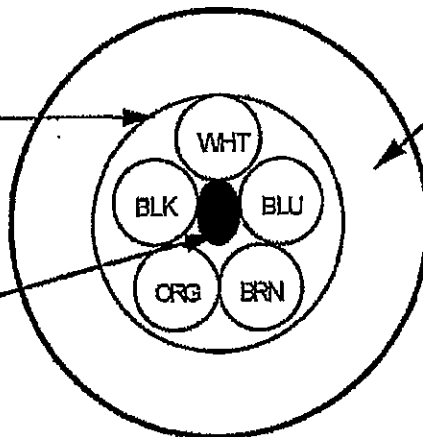
APPROVED VENDORS:
1. ROCKWELL VENDOR ID #2001756

UNLESS OTHERWISE SPECIFIED	DR. B. FORTIER	DATE 6/18/09	SIZE B SHEET	1 OF 1	REV NR2
DIMENSIONS ARE IN INCHES	CABLE				
TOLERANCES UNLESS OTHERWISE SPECIFIED	#18 AWG X 5				
FRACTIONS ON DECIMALS	NEC TYPE SJTOW				
MATERIAL	CSA TYPE SJTOW				
FINISH					
SCALE					
ROCKWELL AUTOMATION 2 EXECUTIVE DRIVE CHELMSFORD, MASSACHUSETTS 01924	REF DRAWING 75002-295				
CONNECTION AND RESPECTIVE INSULATION THE REQUIRED DIMENSIONS OF ROCKWELL AUTOMATION, INC. AND MAY VARY WITH THE AUTOMATED WRITING PERUSION OF ROCKWELL AUTOMATION, INC.	MATERIAL PN-49831				
	MATERIAL PN-49831				

CONDUCTORS - 18 AWG (16X30) TINNED ANNEALED COPPER INSULATED WITH
 .032" PVC TO .110" NOMINAL O.D.
 *COLOR CODE: BLACK, WHITE, BLUE, BROWN, ORANGE

RELEASE AGENT

- TALC



JACKET

- .035" NOMINAL THICKNESS WALL
 BLACK PVC TO .375" +/- .010" O.D.

FILLER

- "PVC" AS REQUIRED FOR ROUNDNESS

PRINT LEGEND (WHITE INK):

"(UL) SJTOW E125705 5C 18AWG (0,82mm²) 105C (-40C) 300V c(UL) FT2 --- PN-49831"

*Legend ok
DCM*

PACKAGING (SHIPPING REELS):

- MAXIMUM DIAMETER: 18"
- MAXIMUM HEIGHT: 16"
- ARBOR HOLE: 1 - 2.5"
- MAXIMUM REEL WEIGHT: 100lbs

DATA GUIDE

CABLE CORP.

ONE ERNRIC PLACE
 560 MAIN STREET
 GARDNER, MA 01440
 878-632-0900

REV	DESCRIPTION	DATE	APP.
4	AMEND PRINT LEGEND	10/8/09	
3	TG, ADD TALC, REMOVE TISSUE	9/24/09	
2	CHANGE FILLER TYPE TO PVC	9/24/09	
1	ADD PACKAGING SECTION	9/8/08	
0	FIRST ISSUE	8/27/09	

TITLE		5C 18AWG FLEX CORD CABLE	
		SJT18050W-1/105C	
SCALE	P/N	REV	
N/A	09G8-6		
DATE	DRN. BY	APP. BY	
8/09	WJD		