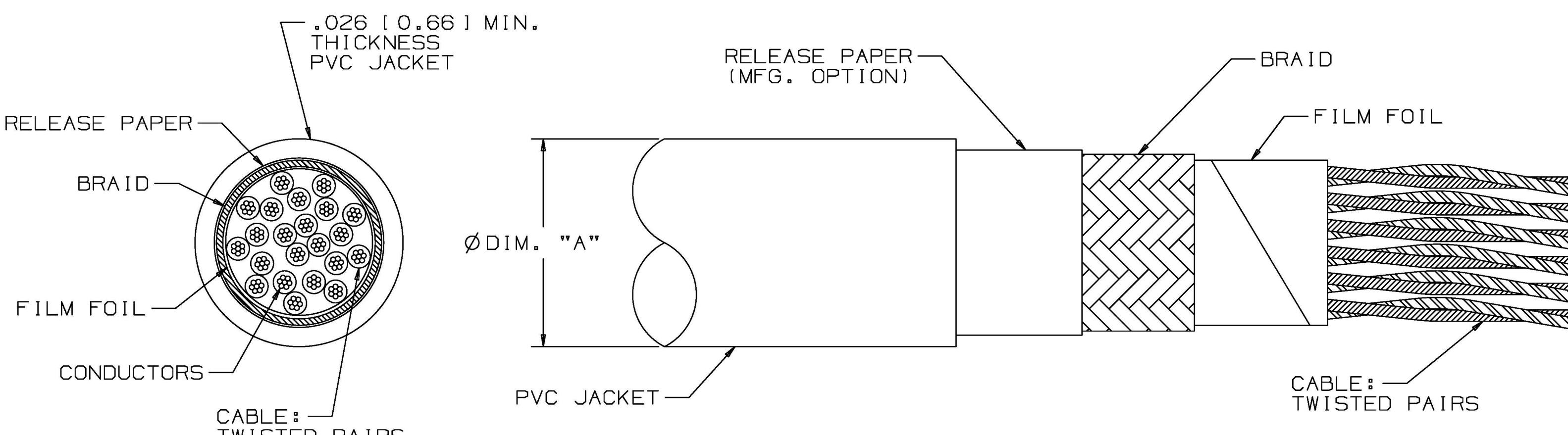


3M™ ROUND, SHIELDED/JACKETED, DISCRETE WIRE CABLE, 3750 SERIES

26 AWG STRANDED, TWISTED PAIR, PVC/PVC



- * MEETS EXTERNAL WIRING REQUIREMENTS OF NATIONAL ELECTRICAL CODE: ARTICAL 725 (CL2).
- * 26 AWG WIRE CARRIES HIGHER POWER LEVELS IN I/O HARNESS.
- * TWISTED PAIRS REDUCE CROSSTALK FOR BALANCE DRIVE APPLICATIONS.
- * DUAL SHIELDING PROVIDES 35db AVERAGE SHIELDING.
- * WIRES ARE COLOR CODED FOR EASY IDENTIFICATION.

NOTES

1. REGULATORY INFORMATION: VISIT 3M.com/regs
2. IN THE EVENT OF CONFLICT BETWEEN THIS DATA AND THAT CONTAINED IN THE PRODUCT SPECIFICATION, THE PRODUCT SPECIFICATION TAKES PRECEDENT.

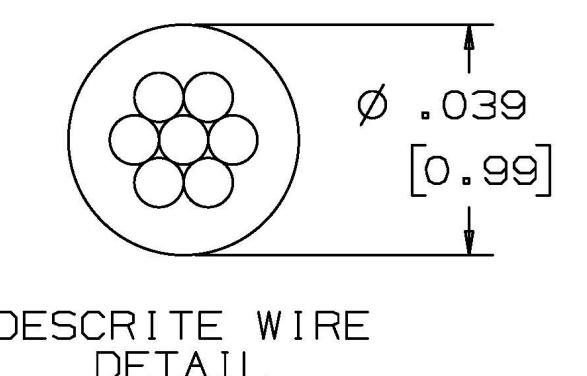


ORDERING INFORMATION

3750/XX XX

NUMBER OF CONDUCTORS
(SEE TABLE 1) BLANK = STANDARD
SF = SPLICE FREE

NOTE:
AVAILABLE IN STANDARD 100ft OR 1000ft ROLLS.
PLEASE SPECIFY WHEN ORDERING.
CONTACT 3M FOR AVAILABILITY OF ADDITIONAL CONDUCTOR
COUNTS AND/OR CUSTOM ROLL LENGTHS.



DESCRIBE WIRE
DETAIL

"PRINTING ILLUSTRATION"

CL2 75°C 26 AWG OR AWM 2464 3M NU **AWM II A/B 80°C 150V FT1 EU <50V**

TABLE 2 PAIR IDENTIFICATION												
PAIR	COND	1st CONDUCTOR		COND	2nd CONDUCTOR		COND	1st CONDUCTOR		COND	2nd CONDUCTOR	
		SOLID	BAND		SOLID	BAND		SOLID	BAND		SOLID	BAND
1	1	BLACK	RED	2	RED	BLACK	34	BROWN	GREEN	41	BROWN	WHITE
2	3	BLACK	WHITE	4	WHITE	BLACK	36	ORANGE	GREEN	43	WHITE	ORANGE
3	5	BLACK	GREEN	6	GREEN	BLACK	38	BLUE	WHITE	45	BLUE	YELLOW
4	7	BLACK	BLUE	8	BLUE	BLACK	40	YELLOW	WHITE	47	BLUE	BROWN
5	9	BLACK	YELLOW	10	YELLOW	BLACK	42	BROWN	WHITE	49	BLUE	ORANGE
6	11	BLACK	BROWN	12	BROWN	BLACK	44	ORANGE	WHITE	51	BROWN	YELLOW
7	13	BLACK	ORANGE	14	ORANGE	BLACK	46	YELLOW	BLUE	53	ORANGE	YELLOW
8	15	RED	WHITE	16	WHITE	RED	48	BROWN	BLUE	55	BROWN	ORANGE
9	17	RED	GREEN	18	GREEN	RED	50	ORANGE	BLUE	57	VIOLET	RED
10	19	RED	BLUE	20	BLUE	RED	52	YELLOW	BROWN	59	VIOLET	WHITE
11	21	RED	YELLOW	22	YELLOW	RED	54	YELLOW	ORANGE	61	VIOLET	GREEN
12	23	RED	BROWN	24	BROWN	RED	56	ORANGE	BROWN	63	VIOLET	BLUE
13	25	RED	ORANGE	26	ORANGE	RED	58	RED	VIOLET	65	WHITE	GREEN
14	27	GREEN	WHITE	28	WHITE	GREEN	60	WHITE	VIOLET	67	WHITE	BLUE
15	29	GREEN	BLUE	30	BLUE	GREEN	62	ORANGE	VIOLET	69	WHITE	RED
16	31	GREEN	YELLOW	32	YELLOW	GREEN	64	BLUE	VIOLET	71	WHITE	ORANGE

TABLE 1		
NUMBER OF CONDUCTORS	3M PART NUMBER	DIM. "A"
10 (5) PAIR	3750/10	.26 [6.6]
16 (8) PAIR	3750/16	.31 [7.9]
26 (13) PAIR	3750/26	.37 [9.4]
38 (19) PAIR	3750/38	.43 [10.9]
50 (25) PAIR	3750/50	.49 [12.4]
60 (30) PAIR	3750/60	.52 [13.2]

C	115525	MAY 08, 2024	JNC	FJR
B	23307	APR 25, 2009	RDE	RDE
REV	ECO	ISSUE DATE AND DESCRIPTION	DRFT	CHKD
CASTIGLIONE		DATE MAY 08, 2024	MRG	DATE
CNO		DATE	F. RODRIGUEZ	DATE MAY 08, 2024
© 3M COPYRIGHT 2024 This document and the information it contains are confidential and may not be reproduced or distributed outside of 3M without the express written permission of 3M. It is to be used solely for the purpose for which it was disclosed other than for 3M authorized purposes. All rights reserved.				
3M Center St. Paul, MN 55144				
SHIELDED/JACKETED, ROUND, DISC. WIRE CABLE, 26AWG				
CAGE NUMBER	SIZE	DRAWING NO.	REV. C	
D	78-5100-0072-8			
DET. LISTS	YES	NO	SHT 1 OF 2	



3M™ ROUND, SHIELDED/JACKETED, DISCRETE WIRE CABLE, 3750 SERIES
26 AWG STRANDED, TWISTED PAIR, PVC/PVC

26 AWG STRANDED, TWISTED PAIR, PVC/PVC

Regulatory: For regulatory information about this product, visit 3M.com/regs or contact your 3M representative.

Technical Information: The technical information, guidance, and other statements contained in this document or otherwise provided by 3M are based upon records, tests, or experience that 3M believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed. Such information is intended for people with knowledge and technical skills sufficient to assess and apply their own informed judgment to the information. No license under any 3M or third party intellectual property rights is granted or implied with this information.

Product Use: Many factors beyond 3M's control and uniquely within user's knowledge and control can affect the use and performance of a 3M product in a particular application. As a result, customer is solely responsible for evaluating the product and determining whether it is appropriate and suitable for customer's application, including conducting a workplace hazard assessment and reviewing all applicable regulations and standards (e.g., OSHA, ANSI, etc.). Failure to properly evaluate, select, and use a 3M product in accordance with all applicable instructions and with appropriate safety equipment, or to meet all applicable safety regulations, may result in injury, sickness, death and/or harm to property.

Warranty, Limited Remedy, and Disclaimer: Unless a different warranty is specifically stated on the applicable 3M product packaging or product literature (in which case such warranty governs), 3M warrants that each 3M product meets the applicable 3M product specification at the time 3M ships the product. 3M MAKES NO OTHER WARRANTIES OR CONDITIONS, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR ANY IMPLIED WARRANTY OR CONDITION ARISING OUT OF A COURSE OF DEALING, CUSTOM, OR USAGE OF TRADE. If a 3M product does not conform to this warranty, then the sole and exclusive remedy is, at 3M's option, replacement or repair of the 3M product or refund of the purchase price.

Limitation of Liability: Except for the limited remedy stated above, and except to the extent prohibited by applicable law, 3M will not be liable for any loss or damage arising from or related to the 3M product, whether direct, indirect, special, incidental, or consequential (including, but not limited to, lost profits or business opportunity), regardless of the legal or equitable theory asserted, including, but not limited to, warranty, contract, negligence, or strict liability.

Disclaimer: For industrial use only. Not intended, labeled or packaged for consumer sale or use.

3M Company
Electronics Materials Solutions Division
13011 McCallen Pass, Bldg. C
Austin, TX 78753-5380
1-800-225-5373
www.3M.com/interconnect

3M ELECTRONICS MATERIALS SOLUTIONS DIVISION
INTERCONNECT SOLUTIONS
<http://www.3M.com/interconnect>

3M IS A TRADEMARK OF 3M COMPANY.
FOR TECHNICAL, SALES OR ORDERING
INFORMATION CALL 800-225-5373

DESIGN REFERENCE		NEXT ASSEMBLY		C	115525	MAY 08, 2024 REVISE AND REDRAWN	JNC	FJR
				B	23307	APR 25, 2009 REVISE TABLES & NOTES	RDE	RDE
ACCESS CODES		REV	ECO	ISSUE DATE AND DESCRIPTION			DRFT	CHKD
				DRFT CASTIGLIONE		DATE MAY 08, 2024	MFG	DATE
				CHKD		DATE	APPVL F. RODRIGUEZ	DATE MAY 08, 2024
DIVISION		DIVISION CODE EMSD		 3M Center St. Paul, MN 55144		© 3M COPYRIGHT 2024 This document and the information it contains are 3M property and may not be reproduced or further distributed without 3M permission, or used or disclosed other than for 3M authorized purposes. All rights reserved.		
DO NOT SCALE DRAWING		SCALE		TOLERANCES EXCEPT AS NOTED		INCHES .0 \pm .1 .00 \pm .05 .000 \pm .010 .0000 \pm .0005		
 THIRD ANGLE PROJECTION						TITLE SHIELDED/JACKETED, ROUND, DISC. WIRE CABLE, 26AWG		
INTERPRET PER ASME Y14.5 - 2018		MILLIMETERS		0 \pm .0 \pm .00 \pm .000 \pm		CAGE NUMBER D SIZE DRAWING NO. 78-5100-0072-8 REV. C		
MAX SURFACE ROUGHNESS		<input checked="" type="checkbox"/> ALL SURFACES <input type="checkbox"/> MARKED ONLY		ANGLES		MODEL 3750 DET. LISTS <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO SHT 2 OF 2		