



TABLE 1 - TYPICAL CABLE CONSTRUCTION

PANDUIT PART NUMBER	FIBER TYPE	FIBER COUNT	JACKET RATING	JACKET COLOR	JACKET DIAMETER	CONDUIT COLOR	CONDUIT DIAMETER (mm)	FIBER (MANUFACTURER)
FSAD602	62.5/125um OM1	2 FIBER	OFNR AND LSZH	ORANGE	4.2mm ±0.2mm [.166" ±.008"]	ORANGE	10mm ±0.5mm [.394" ±.02"]	62.5/125 OM1 REFER TO SPS-180
FSAD604		4 FIBER			4.6mm ±0.2mm [.181" ±.008"]			
FSAD606		6 FIBER			4.85mm ±0.2mm [.191" ±.008"]			
FSAD608		8 FIBER			5.3mm ±0.2mm [.209" ±.008"]			
FSAD612		12 FIBER			5.7mm ±0.2mm [.224" ±.008"]			
FSAD502	50/125um OM2	2 FIBER	OFNR AND LSZH	ORANGE	4.2mm ±0.2mm [.166" ±.008"]	ORANGE	10mm ±0.5mm [.394" ±.02"]	50/125 OM2 REFER TO SPS-432
FSAD504		4 FIBER			4.6mm ±0.2mm [.181" ±.008"]			
FSAD506		6 FIBER			4.85mm ±0.2mm [.191" ±.008"]			
FSAD508		8 FIBER			5.3mm ±0.2mm [.209" ±.008"]			
FSAD512		12 FIBER			5.7mm ±0.2mm [.224" ±.008"]			
FSAD902	9/125um S/M	2 FIBER	OFNR AND LSZH	YELLOW	4.2mm ±0.2mm [.166" ±.008"]	YELLOW	10mm ±0.5mm [.394" ±.02"]	REFER TO SPS-433
FSAD904		4 FIBER			4.6mm ±0.2mm [.181" ±.008"]			
FSAD906		6 FIBER			4.85mm ±0.2mm [.191" ±.008"]			
FSAD908		8 FIBER			5.3mm ±0.2mm [.209" ±.008"]			
FSAD912		12 FIBER			5.7mm ±0.2mm [.224" ±.008"]			
FOADX02	50/125um OM3	2 FIBER	OFNR AND LSZH	AQUA	4.2mm ±0.2mm [.166" ±.008"]	AQUA	10mm ±0.5mm [.394" ±.02"]	50/125 OM3 REFER TO SPS-432
FOADX04		4 FIBER			4.6mm ±0.2mm [.181" ±.008"]			
FOADX06		6 FIBER			4.85mm ±0.2mm [.191" ±.008"]			
FOADX08		8 FIBER			5.3mm ±0.2mm [.209" ±.008"]			
FOADX12		12 FIBER			5.7mm ±0.2mm [.224" ±.008"]			
FOADZ02	50/125um OM4	2 FIBER	OFNR AND LSZH	AQUA	4.2mm ±0.2mm [.166" ±.008"]	AQUA	10mm ±0.5mm [.394" ±.02"]	50/125 OM4 REFER TO SPS-432
FOADZ04		4 FIBER			4.6mm ±0.2mm [.181" ±.008"]			
FOADZ06		6 FIBER			4.85mm ±0.2mm [.191" ±.008"]			
FOADZ08		8 FIBER			5.3mm ±0.2mm [.209" ±.008"]			
FOADZ12		12 FIBER			5.7mm ±0.2mm [.224" ±.008"]			

NOTES:

- IDENTIFICATION:
  - 2 THROUGH 12 FIBER DIELECTRIC ARMORED DISTRIBUTION CABLE
    - FIBER TYPE: SEE TABLE 1
    - 900um TIGHT BUFFER
    - ARAMID STRENGTH MEMBERS
  - PANDUIT PART NUMBER: SEE TABLE 1
- GENERAL APPEARANCE:
  - CABLE JACKET COLOR PER TABLE 1.
  - FIBER COLORS PER TABLE 2.
  - CABLE COLOR TO BE FREE OF STREAKS.
  - CABLE TO BE FREE OF SCUFFING.
  - CABLE AND ARMOR PRINT LEGENDS PER ILLUSTRATIONS BELOW TABLE 1.
  - CABLE PRINT LEGEND TO BE BLACK AND LEGIBLE.
  - ARMOR PRINT LEGEND TO BE WHITE AND LEGIBLE.
  - CABLE PRINT LEGEND REPEATED EVERY METER (39.4").
  - SEQUENTIAL MARKINGS EVERY METER (39.4").
  - 900um BUFFER TO BE TRANSPARENT UV-CURABLE ACRYLATE.
- ARMOR TO BE DIELECTRIC.
- REFERENCE I.I. NUMBER NS-1305 FOR THOSE PRODUCT CHARACTERISTICS AND PACKAGING REQUIREMENTS WHICH SHALL BE VERIFIED BY PANDUIT QUALITY CONTROL.
- REFERENCE PRODUCT SPECIFICATION SPS-409 FOR ALL ADDITIONAL PERFORMANCE, DESIGN, AND QA REQUIREMENTS.
- ALL PURCHASED ITEMS MUST CONFORM TO C2-0834 PANDUIT SPECIFICATION FOR CHEMICAL SUBSTANCES TO BE CONTROLLED IN PRODUCT AND PACKAGING.

1. BLUE	7. RED
2. ORANGE	8. BLACK
3. GREEN	9. YELLOW
4. BROWN	10. VIOLET
5. SLATE	11. ROSE
6. WHITE	12. AQUA

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PART NUMBER		SEE TABLE 1		PRODUCT SPEC/PKG SPEC		SPS-409, PPS-1126	
I.I. NUMBER		NS-1305		WORK INSTRUCTION		N/A	
TITLE							
DIELECTRIC CONDUITED FIBER OPTIC DISTRIBUTION CABLE							
CONTROL DRAWING							
ITEM REVISION NAME		M02055LA/00		<b>PANDUIT</b>			
DATASET FILE NAME		M02055LA_DS/00B					
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: IN (mm)							
.x ± .1 (2.54)		.xxx ± .005 (.127)		DRAWING NUMBER:			
.xx ± .01 (.25)		ANGLES ± 5°		M02055LA-DS			
THIRD ANGLE PROJECTION		SCALE		SIZE			
SAT 08-17-15		WMA		NONE		SHT 1 OF 2	
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	SIZE
01	12-17-15	SAT	WMA	ALMY	A. ALL OM4 P/S's WERE FSADZ**.	M02055LA-DS	C
00	08-24-15	SAT	WMA	ALMY	RELEASED TO PRODUCTION	M02055LA-DS	

**CABLE PRINT LEGEND - SEE TABLE FOR APPLICABLE BRACKETED INFORMATION**

PANDUIT OPTI-CORE FIBER OPTIC CABLE { FIBER COUNT } { FIBER TYPE } INDOOR LSZH IEC 60332 OFNR-LS(UL) { UL E NUMBER } { LENGTH-METERS } { PANDUIT PART NUMBER } { MM/YY } { WORK ORDER NO. }

**ARMOR PRINT LEGEND - SEE TABLE FOR APPLICABLE BRACKETED INFORMATION**

PANDUIT OPTI-CORE FIBER OPTIC CABLE { FIBER COUNT } { FIBER TYPE } INDOOR LSZH IEC 60332 C(UL)/UL LISTED RISER UL 2024 { UL E NUMBER } { LENGTH-METERS } { PANDUIT PART NUMBER } { MM/YY } { WORK ORDER NO. }

\* SEE TABLE 3 FOR FIBER TYPE

TABLE 3	
PART NO. 4th DIGIT	FIBER TYPE
5	50/125 OM2 B1MMF
6	62.5/125
9	9/125 B1SMF
X	50/125 OM3 B1MMF
Z	50/125 OM4 B1MMF

							TITLE DIELECTRIC CONDUITED FIBER OPTIC DISTRIBUTION CABLE		
							ITEM REVISION NAME M02055LA/00		<b>PANDUIT</b>
							DATASET FILE NAME M02055LA_DS/00B		
							UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE: 1N (mm) .X ± .1 ( 2.54 )     .XXX ± .005 ( 0.127 ) .XX ± .01 ( 0.25 )     ANGLES ± 5 °		
							THIRD ANGLE PROJECTION		MATERIAL:
01	12-17-15	SAT	WMA	ALMY	SEE SHEET 1 FOR REVISION HISTORY		M02055LA-DS	DRAWING NUMBER: M02055LA-DS	
REV	DATE	BY	CHK	APR	DESCRIPTION		ECN	SIZE C	
							DRAWN BY SAT		DATE 08-08-12
							CHK WMA		SCALE NONE
							SHT 2 OF 2		

# Mouser Electronics

Authorized Distributor

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