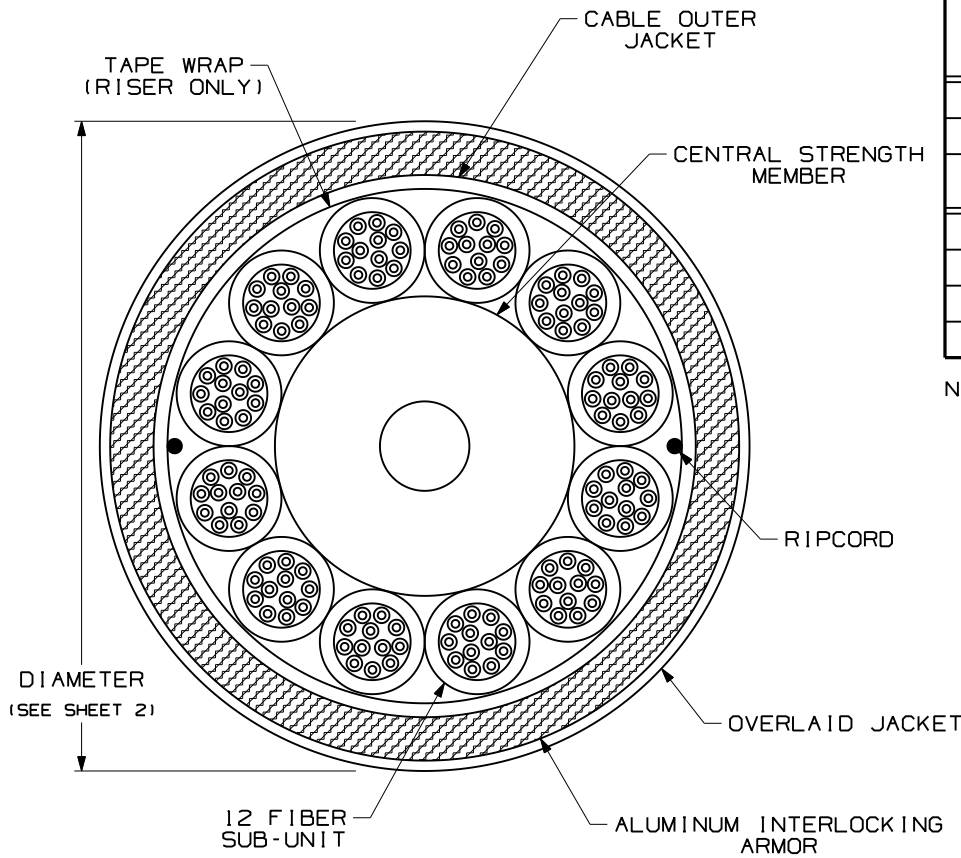


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TECHNICAL SPECIFICATIONS			
MAXIMUM LOSS		SINGLEMODE MAXIMUM LOSS	
3.5dB/KM @ 850nm 1.5dB/KM @ 1300nm		.75dB/KM @ 1310nm .75dB/KM @ 1500nm	
TENSILE LOAD - OFCR		TENSILE LOAD - OFCR-LS/OFCP	
INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
1320 N (300 lbf)	330 N (74 lbf)	660 N (150 lbf)	165 N (38 lbf)
OPERATION		OFCR-LS/OFCP	
INSTALLATION		OFCR	
STORAGE		OFCR-LS/OFCP	
-20°C TO +50°C (-4°F TO +122°F)		0°C TO +50°C (+32°F TO +122°F)	
-40°C TO +65°C (-40°F TO +149°F)			

NOTES:

1. DIAMETER DIMENSION, SHOWN FOR REFERENCE ONLY.
2. DIMENSIONS IN BRACKETS ( ) ARE ENGLISH.
3. ALL MATERIALS AND COMPONENTS USED MUST MEET THE MATERIAL RESTRICTIONS OF RoHS (EUROPEAN DIRECTIVE 2002/95/EC ON THE RESTRICTION OF HAZARDOUS SUBSTANCES) AS PROPOSED BY THE RoHS TECHNICAL ADAPTATION COMMITTEE.

REV	DATE	BY	CHK	DESCRIPTION	ECN	R	CUST	SUP	OTH
02	10-26-09	EFK		RELEASED TO PRODUCTION	02055-102				

OPTI-CORE 144 FIBER ARMORED DISTRIBUTION CABLE WITH 12 SUB-UNITS OF 12 FIBERS  
CUSTOMER DRAWING



**PANDUIT**™  
CORP.  
TINLEY PARK, ILL 60477

DRAWING FILENAME  
MO2055BX\_DC\_144/01A

SCALE  
NONE

PART NO. FSP\*\*1AY  
FOP\*\*1AY

DRAWING NO.  
02055-102

SHEET 1 OF 2

SIZE  
A

ALL DIMENSIONS ARE GIVEN IN INCHES, UNLESS OTHERWISE SPECIFIED.

DIMENSIONAL TOLERANCES ARE:  
(.X) (.XXX) ±0.3 (.010)  
(.XX) ±0.8 (.03) ANGLES



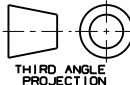
THIRD ANGLE PROJECTION

DRAWN BY: MC  
DATE: 06-03-05  
CHK'D: WMA

REVIEW DRAWING NUMBERS

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PANDUIT PART NUMBER	FIBER TYPE	JACKET RATING	DIAMETER	BEND RADIUS	
				INSTALLED	LONG TERM
FSPR91AY	SINGLEMODE 9/125μM	OFCR	31.1mm ( 1.224" )	64.2cm ( 25.3" )	32.1cm ( 12.7" )
FSP91AY		OFCP			
FSPL91AY		OFCR-LS			
FSPR51AY	MULTIMODE 50/125μM	OFCR	31.1mm ( 1.224" )		
FSP51AY		OFCP			
FSPL51AY		OFCR-LS			
FSPR61AY	MULTIMODE 62.5/125μM	OFCR	31.1mm ( 1.224" )		
FSP61AY		OFCP			
FSPL61AY		OFCR-LS			
FOPRX1AY	MULTIMODE 50/125μM OM3	OFCR	31.1mm ( 1.224" )		
FOPP1AY		OFCP			
FOP1AY		OFCR-LS			
FOPR21AY	MULTIMODE 50/125μM OM4	OFCR	31.1mm ( 1.224" )		
FOPP21AY		OFCP			

									OPTI-CORE 144 FIBER ARMORED DISTRIBUTION CABLE WITH 12 SUB-UNITS OF 12 FIBERS CUSTOMER DRAWING							
																
											ALL DIMENSIONS ARE GIVEN IN INCHES, UNLESS OTHERWISE SPECIFIED. DIMENSIONAL TOLERANCES ARE: (.X) (.XXX)±0.3 ( .010 ) (.XX)±0.8 ( .03 ) ANGLES		DRAWING FILENAME MO2055BX_DC_144/01A		SCALE NONE	
									DRAWN BY MC		REVIEW DRAWING NUMBERS		PART NO. FSP**1AY FOP**1AY			
									DATE 06-03-05		DRAWING NO. 02055-102		SIZE A			
REV	DATE	BY	CHK	DESCRIPTION			ECN	R	CUST	SUP	OTH	CHK'D WMA		SHEET 2 OF 2		
02	10-26-09	EFK		RELEASED TO PRODUCTION			02055-102									

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