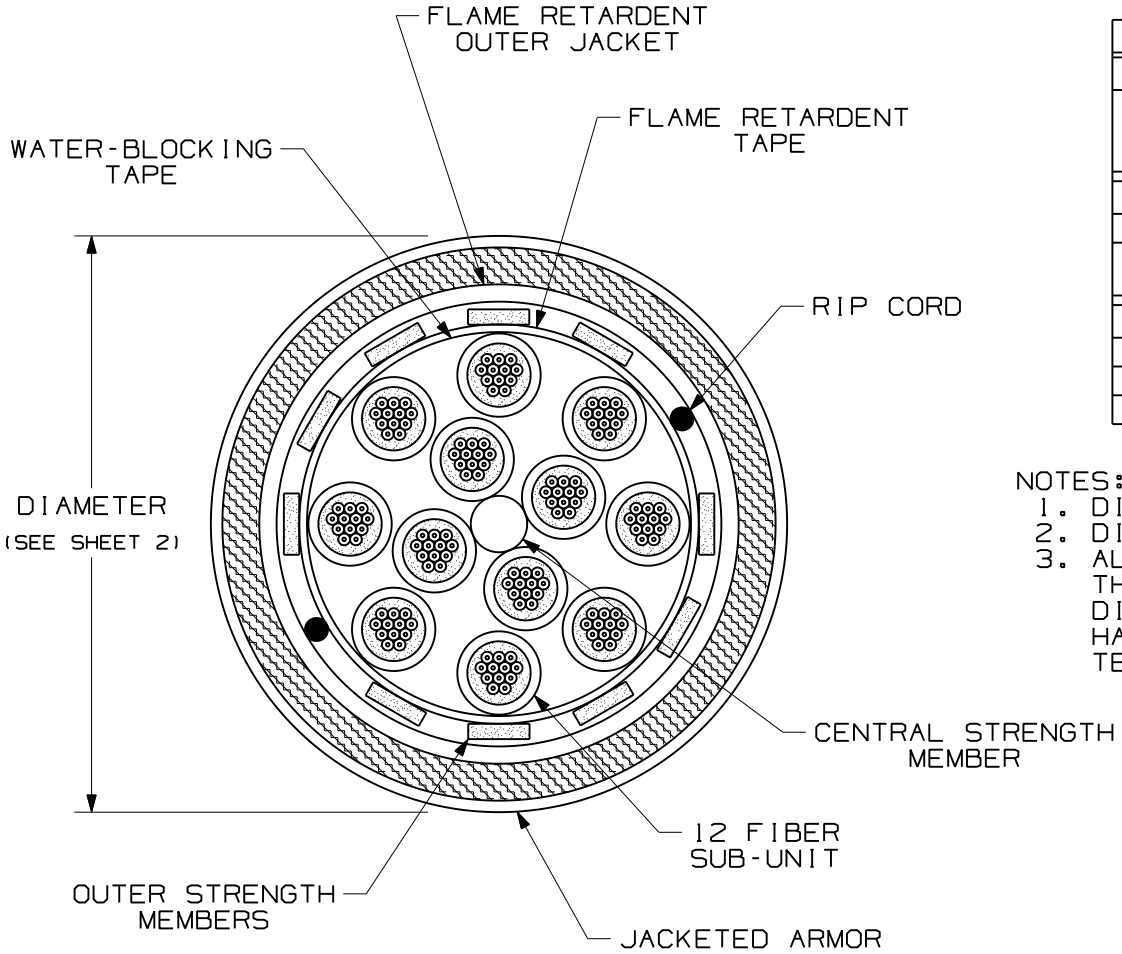
THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.



TECHNICAL SPECIFICATIONS	
MAXIMUM LOSS	SINGLEMODE MAXIMUM LOSS
3.5 dB/KM @ 850nm 1.5 dB/KM @ 1300nm	.75 dB/KM @ 1310nm .75 dB/KM @ 1500nm

TENSILE LOAD - RISER RATED	
INSTALLATION	LONG TERM
2700 N (600 lbf)	800 N (180 lbf)

OPERATION	OFCR	OFCP/LSZH
OPERATION	-20° C TO +50° C (-4° F TO +122° F)	0° C TO +50° C (+32° F TO +122° F)
INSTALLATION		
STORAGE	-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 COMMITEE.

REV	DATE	BY	CHK	DESCRIPTION	ECN - R	CUST	SUP	OTH
02	10-27-09	EFK		RELEASED TO PRODUCTION	02055-96			

OPTI-CORE 144 FIBER INDOOR/OUTDOOR ARMORED CABLE WITH (12) 12 FIBER SUB-UNITS
CUSTOMER DRAWING

PANDUIT™ CORP.
TINLEY PARK, ILL 60477

THIRD ANGLE PROJECTION

ALL DIMENSIONS ARE GIVEN IN INCHES, UNLESS OTHERWISE SPECIFIED.
DIMENSIONAL TOLERANCES ARE:
(.X) (.XXX)±0.3 [.010]
(.XX)±0.8 [.03] ANGLES

REVIEW DRAWING NUMBERS

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

DRAWING FILENAME: M02055BY_DC_144/00C
SCALE: NONE
PART NO.: FSM**1AY FOM**1AY
DRAWING NO.: 02055-96
SHEET 1 OF 2
SIZE: A

THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

PANDUIT PART NUMBER	FIBER TYPE	JACKET RATING	DIAMETER	BEND RADIUS	
				INSTALLED	LONG TERM
FSMR91AY	SINGLEMODE 9/125uM	OFCR	26.1mm [1.028"]	52.2cm [20.6"]	26.1cm [10.3"]
FSMP91AY		OFCP			
FSML91AY		OFCR-LS	25.6mm [1.008"]	52.6cm [20.7"]	26.3cm [10.4"]
FSMR51AY	MULTIMODE 50/125uM	OFCR	26.1mm [1.028"]	52.2cm [20.6"]	26.1cm [10.3"]
FSMP51AY		OFCP			
FSML51AY		OFCR-LS	25.6mm [1.008"]	52.6cm [20.7"]	26.3cm [10.4"]
FSMR61AY	MULTIMODE 62.5/125uM	OFCR	26.1mm [1.028"]	52.2cm [20.6"]	26.1cm [10.3"]
FSMP61AY		OFCP			
FSML61AY		OFCR-LS	25.6mm [1.008"]	52.6cm [20.7"]	26.3cm [10.4"]
FOMRX1AY	MULTIMODE 50/125uM OM3	OFCR	26.1mm [1.028"]	52.2cm [20.6"]	26.1cm [10.3"]
FOMPX1AY		OFCP			
FOMLX1AY		OFCR-LS	25.6mm [1.008"]	52.6cm [20.7"]	26.3cm [10.4"]
FOMRZ1AY	MULTIMODE 50/125uM OM4	OFCR	26.1mm [1.028"]	52.2cm [20.6"]	26.1cm [10.3"]
FOMPZ1AY		OFCP			

REV	DATE	BY	CHK	DESCRIPTION	ECN - R	CUST	SUP	OTH
02	10-27-09	EFK		RELEASED TO PRODUCTION	02055-96			

OPTI-CORE 144 FIBER INDOOR-OUTDOOR ARMORED CABLE WITH (12) 12 FIBER SUB-UNITS

CUSTOMER DRAWING

PANDUIT™ CORP.
TINLEY PARK, ILL 60477

THIRD ANGLE PROJECTION

ALL DIMENSIONS ARE GIVEN IN INCHES, UNLESS OTHERWISE SPECIFIED.
DIMENSIONAL TOLERANCES ARE:
(.X) (.XXX)±0.3 [.010]
(.XX)±0.8 [.03] ANGLES

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

REVIEW DRAWING NUMBERS

DRAWING FILENAME: M02055BY_DC_144/00C
SCALE: NONE
PART NO. FSM**1AY FOM**1AY
DRAWING NO. 02055-96
SHEET 2 OF 2
SIZE A