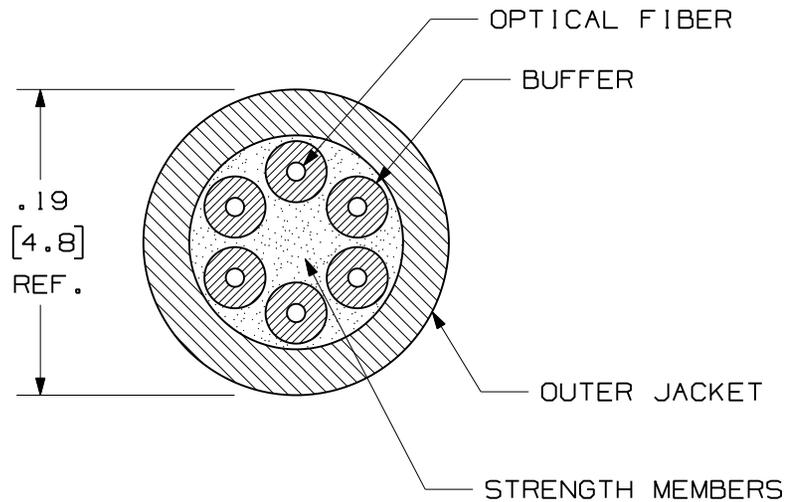


THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.



TYPE/DESCRIPTION	COLOR	MAXIMUM LOSS
MULTIMODE 50/125 $\mu$ m 6 FIBER DISTRIBUTION CABLE W/900 $\mu$ m TIGHT BUFFER	ORANGE	3.5 dB/KM @ 850nm 1.5 dB/KM @ 1300nm

PLENUM - FSDP506Y			
TENSILE LOAD		BEND RADIUS	
INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
440 N (100 lbf)	110 N (25 lbf)	96 mm (3.8 in)	48 mm (1.9 in)
TEMPERATURE			
INSTALLATION	OPERATION	STORAGE	
0°C TO +50°C 32°F TO +122°F	0°C TO +50°C 32°F TO +122°F	-40°C TO +65°C -40°F TO +149°F	

RISER RATED - FSDR506Y			
TENSILE LOAD		BEND RADIUS	
INSTALLATION	LONG TERM	INSTALLATION	LONG TERM
660 N (150 lbf)	165 N (37 lbf)	96 mm (3.8 in)	48 mm (1.9 in)
TEMPERATURE			
INSTALLATION	OPERATION	STORAGE	
0°C TO +50°C 32°F TO +122°F	0°C TO +50°C 32°F TO +122°F	-40°C TO +65°C -40°F TO +149°F	

WEIGHT OF 2.5km REEL/BOX	
OFNP	OFNR
78.0 kg (172 lbs)	73.5 kg (162 lbs)

NOTES:

- DIAMETER DIMENSION SHOWN FOR REFERENCE ONLY.
- CABLE SUPPLIED IN 2500 METER (8202 FT) LENGTHS.
- FOR PART NUMBERS AND LENGTHS OTHER THAN THOSE SHOWN, CONTACT YOUR PANDUIT SALES PERSON.
- ALL MATERIALS AND COMPONENTS USED MUST MEET THE MATERIAL RESTRICTIONS OF RoHS, (EUROPEAN DIRECTIVE 2002/95/EC ON THE RESTRICTIONS OF HAZARDOUS SUBSTANCES) AS PROPOSED BY THE RoHS TECHNICAL ADAPTATION COMMITTEE.

REV	DATE	BY	CHK	DESCRIPTION	ECN	R	CUST	SUP	OTH
01	03-02-06	JH		RELEASED TO PRODUCTION	02055-28				

MULTIMODE 50/125 $\mu$ m  
OPTI-CORE 6 FIBER DISTRIBUTION CABLE  
W/900 $\mu$ m TIGHT BUFFER  
CUSTOMER DRAWING



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

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

DRAWING FILENAME: MO2055BE\_DC\_6-50\_00B.prt  
SCALE: NONE

DRAWN BY: MC  
DATE: 08-25-04  
CHECK'D:

REVIEW DRAWING NUMBERS

PART NO.: FSDP506Y  
FSDR506Y

DRAWING NO.: 02055-28  
SIZE: A

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[FSDR506Y](#)