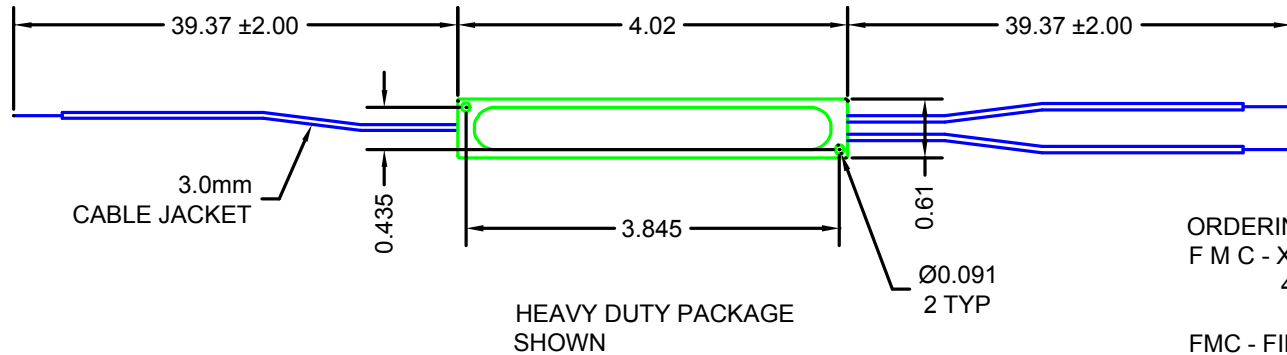


| REVISIONS | | | |
|-----------|---------------|----------|-----|
| REV | DESCRIPTION | DATE | BY |
| Ⓐ | ECR #06290-01 | 10-17-06 | MFS |



ORDERING INFORMATION:
 F M C - X X X - X X X - X X X
 4 5 6 7 8 9 10 11 12

FMC - FIBERDYNE LABS DUAL
 WINDOW MULTIMODE COUPLERS

SPECIFICATIONS: (UNCONNECTORIZED)
 OPERATING TEMPERATURE: -40°C TO +75°C
 DIRECTIVITY: >= 40dB

NOTE: ADD 0.7dB PER MATED PAIR FOR
 CONNECTORIZED UNIT.

| PART NUMBER | SPLIT RATIO | MAX INSERTION LOSS @850/1300 |
|-----------------|-------------|------------------------------|
| FMC-11X-150-1X1 | 50/50 | 4.1/4.1 |
| FMC-11X-155-1X1 | 55/45 | 3.6/4.5 |
| FMC-11X-160-1X1 | 60/40 | 3.1/5.1 |
| FMC-11X-165-1X1 | 67/33 | 2.5/6.0 |
| FMC-11X-170-1X1 | 70/30 | 2.4/6.3 |
| FMC-11X-175-1X1 | 75/25 | 2.2/7.1 |
| FMC-11X-180-1X1 | 80/20 | 1.8/8.1 |
| FMC-11X-185-1X1 | 85/15 | 1.5/9.5 |
| FMC-11X-190-1X1 | 90/10 | 1.3/11.5 |
| FMC-11X-195-1X1 | 95/05 | 1.0/14.5 |

| | | |
|------------------|-------------------|---|
| 4TH DIGIT | CENTER WAVELENGTH | 1 = 850/1300 |
| 5TH DIGIT | PORTS | 1 = 1X2 2 = 2X2 |
| 6TH DIGIT | PACKAGE | 0 = 250 μ m - 0.13" X 2.2" 1 = 900 μ m - 0.13" X 2.2" 2 = 3mm - 4" X 0.6" X 0.3" B = HEAVY DUTY PKG. - 900 μ m |
| 7TH DIGIT | GRADE | 1 = PREMIUM |
| 8TH & 9TH DIGITS | COUPLING RAITO | SPECIFY 1ST 2 DIGITS 25 = 25/75 50 = 50/50 |
| 10TH DIGIT | FIBER TYPE | 0 = 50/125 1 = 62.5/125 |
| 11TH DIGIT | CONNECTORS | 0 = NONE 1 = FC 2 = FC/APC 3 = SC 4 = SC/APC 5 = ST 6 = D4 7 = OTHER (SPECIFY) 8 = CUSTOM INPUT |
| 12TH DIGIT | LEG LENGTH | 1 = 1m |

FIBERDYNE CONFIDENTIAL
 UNLESS OTHERWISE SPECIFIED:
 ALL DIMENSIONS IN INCHES
 TOLERANCES:
 0.X = ± 0.05
 0.0X = ± 0.015
 0.XXX = ± 0.005
 ANG. = $\pm 0.5^\circ$
 REMOVE ALL BURRS AND SHARP
 CORNERS 0.01R

FIBERDYNE LABS, INC. FRANKFORT, NY 13340
 800-894-9694

NAME MULTIMODE DUAL WINDOW COUPLERS

DWG BY M. STREETER DWG # 200-10542-001

DATE 08-26-02 SCALE HALF SHEET 01 OF 01