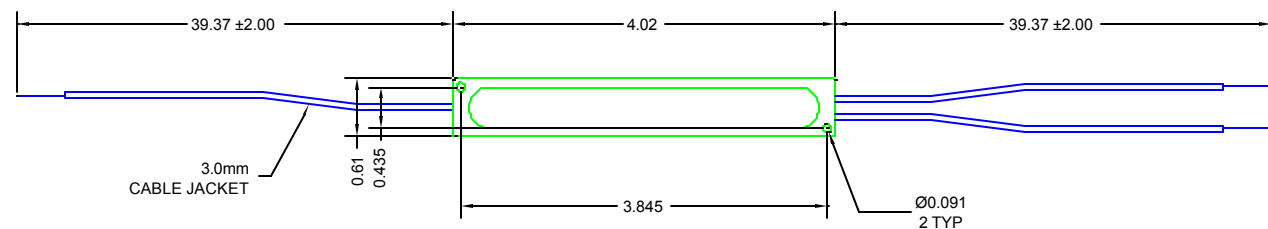


REVISIONS			
REV	DESCRIPTION	DATE	BY



DUAL WINDOW ULTRA COUPLER

PART NUMBER	SPLIT RATIO	LOSS	MAX INSERTION
FDC-XXX-050-XXX	50/50	3.30/3.30	3.30/3.30
FDC-XXX-045-XXX	45/55	3.77/2.88	3.77/2.88
FDC-XXX-040-XXX	40/60	4.29/2.49	4.29/2.49
FDC-XXX-035-XXX	35/65	4.89/2.14	4.89/2.14
FDC-XXX-030-XXX	30/70	5.58/1.81	5.58/1.81
FDC-XXX-025-XXX	25/75	6.40/1.51	6.40/1.51
FDC-XXX-020-XXX	20/80	7.41/1.22	7.41/1.22
FDC-XXX-015-XXX	15/85	8.74/0.96	8.74/0.96
FDC-XXX-010-XXX	10/90	10.66/0.71	10.66/0.71
FDC-XXX-005-XXX	05/95	14.18/0.47	14.18/0.47
FDC-XXX-001-XXX	01/99	23.21/0.29	23.21/0.29

DUAL WINDOW PREMIUM COUPLER

PART NUMBER	SPLIT RATIO	LOSS	MAX INSERTION
FDC-XXX-150-XXX	50/50	3.57/3.57	3.57/3.57
FDC-XXX-145-XXX	45/55	4.07/3.12	4.07/3.12
FDC-XXX-140-XXX	40/60	4.64/2.72	4.64/2.72
FDC-XXX-135-XXX	35/65	5.29/2.35	5.29/2.35
FDC-XXX-130-XXX	30/70	6.05/2.00	6.05/2.00
FDC-XXX-125-XXX	25/75	6.98/1.69	6.98/1.69
FDC-XXX-120-XXX	20/80	8.16/1.39	8.16/1.39
FDC-XXX-115-XXX	15/85	9.41/1.12	9.41/1.12
FDC-XXX-110-XXX	10/90	11.75/0.86	11.75/0.86
FDC-XXX-105-XXX	05/95	15.43/0.61	15.43/0.61
FDC-XXX-101-XXX	01/99	23.21/0.42	23.21/0.42

DUAL WINDOW STANDARD COUPLER

PART NUMBER	SPLIT RATIO	LOSS	MAX INSERTION
FDC-XXX-250-XXX	50/50	3.77/3.77	3.77/3.77
FDC-XXX-245-XXX	45/55	1.27/3.32	1.27/3.32
FDC-XXX-240-XXX	40/60	4.84/2.92	4.84/2.92
FDC-XXX-235-XXX	35/65	5.49/2.55	5.49/2.55
FDC-XXX-230-XXX	30/70	6.25/2.20	6.25/2.20
FDC-XXX-225-XXX	25/75	7.18/1.89	7.18/1.89
FDC-XXX-220-XXX	20/80	8.36/1.59	8.36/1.59
FDC-XXX-215-XXX	15/85	9.61/1.32	9.61/1.32
FDC-XXX-210-XXX	10/90	11.95/1.06	11.95/1.06
FDC-XXX-205-XXX	05/95	15.63/0.81	15.63/0.81
FDC-XXX-201-XXX	01/99	23.41/0.62	23.41/0.62

DUAL WINDOW COUPLER SPECIFICATIONS:

CENTER WAVELENGTH	1310, 1550
BANDWIDTH	±40nm
DIRECTIVITY	50dB MIN
OPERATING TEMPERATURE	-40°C TO +85°C
EXCESS LOSS MAX.	0.1dB - ULTRA & PREMIUM 0.3dB - STANDARD
POLARIZATION DEPENDANT LOSS MAX.	0.15dB - ULTRA & PREMIUM 0.2dB - STANDARD

ORDERING INFORMATION:

FDC-XXX-XXX-XXX-XXX
4 5 6 7 8 9 10 11 12

FDC - FIBERDYNE LABS DUAL WINDOW SINGLEMODE COUPLERS

4TH DIGIT	CENTER WAVELENGTH	0 = 1310/1550nm
5TH DIGIT	PORTS	1 = 1X2 2 = 2X2
6TH DIGIT	PACKAGE	0 = 250 μm - 0.13" X 2.2" 1 = 900 μm - 0.13" X 2.2" 2 = 3mm - 4" X 0.6" X 0.3"
7TH DIGIT	GRADE	0 = ULTRA 1 = PREMIUM 2 = STANDARD
8TH & 9TH DIGITS	COUPLING RATIO	SPECIFY 1ST 2 DIGITS i.e. 50 = 50/50
10TH DIGIT	FIBER TYPE	0 = CORNING SMF 28
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	LENGTH	1 = 1m 2 = 2m

NOTE: INSERTION LOSS VALUES DO NOT INCLUDE CONNECTOR LOSS.
HEAVY DUTY COUPLER PACKAGE SHOWN.

FIBERDYNE CONFIDENTIAL
UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN INCHES
TOLERANCES:
0.X = ±0.05
0.OX = ±0.015
0.XXX = ±0.005
ANG. = ±0.5°
REMOVE ALL BURRS AND SHARP
CORNERS 0.01R

FIBERDYNE LABS, INC FRANKFORT, KY 13340 800-894-9694

NAME SINGLEMODE DUAL WINDOW COUPLERS

DWG BY M. STREETER DWG # 075-10567-001

DATE 02-11-03 SCALE HALF SHEET 01 OF 01