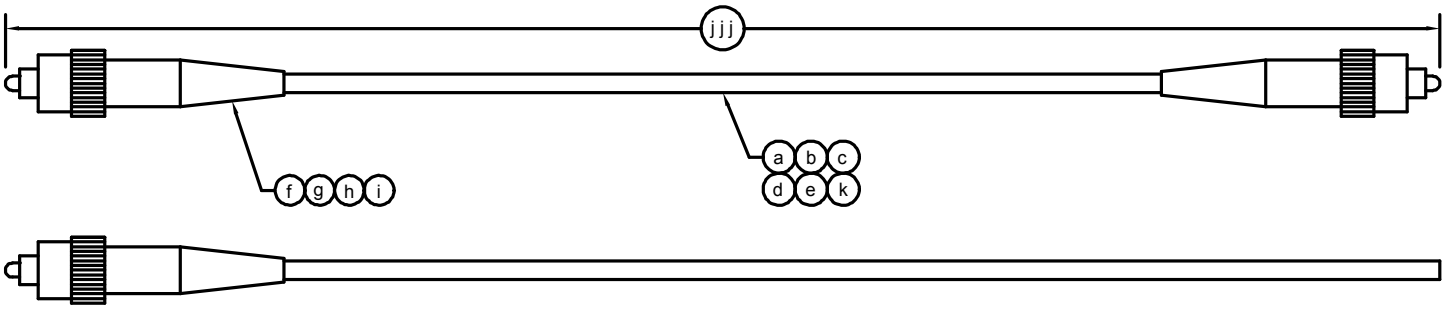
| REVISIONS | | | |
|---|---|---|---|
| REV | DESCRIPTION | DATE | BY |
| A | ECR #03027-01 | 01-28-03 | MFS |
| B | ECR #04134-01 | 05-13-04 | MFS |
| C | ECR #04225-01 | 08-16-04 | MFS |




**CABLE & CONNECTOR SPECIFICATIONS:**

| | |
|---|---|
| FIBER TYPE | SINGLEMODE (SMF-28)<br>MULTIMODE (50/125 & 62.5/125) |
| INSERTION LOSS PER CONNECTOR | < 0.3dB, TYPICAL 0.25dB |
| RETURN LOSS VS. POLISH TYPE | UPC: > 50dB, TYPICAL 55dB<br>APC: > 60dB, TYPICAL 65dB |
| CURVATURE RADIUS VS. POLISH TYPE | PC/UPC: 7mm TO 25mm<br>APC: 5mm TO 12mm |
| APEX OFFSET | < 50µm |
| FIBER HEIGHT | < 100nm |
| REPEATABILITY | > 500 CYCLES |
| SERVICE LIFE | LIFETIME AGAINST DEFECTS |
| OPERATING TEMPERATURE | -40°C TO +75°C |
| HUMIDITY RANGE | 5% TO 95% (NON-CONDENSING) |
| STRAIN RELIEF BOOT LENGTHS | 3cm TO 5cm AVAILABLE |
| STANDARD LENGHTS | 1m, 2m, 3m, 5m (CUSTOM AVAILABLE) |
| STANDARDS COMPLIANCE | TELCORDIA |

1 **PART NUMBER INFORMATION:** F ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___
a b c d e f g h i j j j k

**NOTES:**

1 REFERENCE FIBERDYNE LABS QA 090 FOR PART NUMBER BUILD MATRIX.

2 EXAMPLE PART NUMBER IS ILLUSTRATIVE ONLY. REFERENCES MAY CHANGE WITHOUT NOTICE. FOR ACTUAL BUILD NUMBER DATA, REFERENCE THE PART NUMBER BUILD MATRIX.

**EXAMPLE:** 2

FIBER OPTIC CABLE ASSEMBLY

**#F1C11A2SCL601M**

- CORNING CABLE
- PATCHCORD
- SIMPLEX
- RISER
- SINGLEMODE 2mm JACKET
- CORNING CONNECTOR
- CERAMIC
- LC & SC
- ONE METER LENGTH
- COLOR NOT SPECIFIED

**EXAMPLE:** 2

FIBER OPTIC PIGTAIL

**#F1G1BA4SC6002M**

- CORNING CABLE
- PIGTAIL
- SIMPLEX
- 900µm
- SINGLEMODE
- CORNING CONNECTOR
- CERAMIC
- SC
- TWO METER LENGTH
- COLOR NOT SPECIFIED

**FIBERDYNE CONFIDENTIAL**

UNLESS OTHERWISE SPECIFIED:
ALL DIMENSIONS IN INCHES
TOLERANCES:
0.X = ±0.05
0.0X = ±0.015
0.XXX = ±0.005
ANG. = ±0.5°
REMOVE ALL BURRS AND SHARP CORNERS 0.01R

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

| | | | |
|---|---|---|---|
| NAME | FIBER OPTIC CABLE ASSEMBLY | | |
| DWG BY | M. STREETER | DWG # | 075-10564-001 |
| DATE | 01-21-03 | SCALE NONE | SHEET 01 OF 01 |