



CONNECTORS REMOVED  
THIS VIEW FOR CLARITY

NO EPOXY ALLOWED  
ON KNIFE EDGE

VACUUM      ATMOSPHERE

CLEAR  $\phi$ .025 [0.64] TEFLON TUBE  
OVER 50/125u SIMPLEX

KEVLAR & PVC JACKET  
OVER 50/125u SIMPLEX

16x PROTECTIVE CAP

( $\phi$ 1.50)  
[38.1]

8x FC/PC & PC POLISH  
BOTH ENDS

PAVE-Seal<sup>®</sup>  
2290

8x TEFLON SHRINK TUBING

.06 [1.5] MAXIMUM OVER/UNDERFILL  
THIS SIDE

17.87±1.57  
[454±40]

(.50)  
[12.7]

19.88±1.18  
[505±30]

(2.46)  
[62.5]

NOTES:

1. HE LEAK TEST @ 1ATM  $1 \times 10^{-7}$  CC/S OR LESS. LEAK TEST IS PERFORMED USING A G275 VITON GASKET, A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. OPTICAL CONTINUITY CHECK WITH RED LASER.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
6. CABLES ARE NOT REQUIRED TO BEND SHARPLY AT EPOXY SEAL SURFACE.
7. COSMETIC SURFACE VOIDS SMALLER THAN  $\phi$ .035 [0.89] ARE ACCEPTABLE.
8. REF-OPERATING TEMPERATURE RANGE  $-20^{\circ}\text{C}$  TO  $85^{\circ}\text{C}$ .
9. DIMENSIONS ARE INCHES [millimeters].

4	1	GASKET G-275 C	GASKET COPPER
3	A/R	PAVE-Seal 150	EPOXY BLACK
2	8	2343	FIBER OPTIC FIS# S1-77M-1.2-FIS/PC
1	1	1473	HOUSING CF275-SS
ITEM	QTY	PART#	DESCRIPTION

2751 Thunderhawk Court  
Dayton, Ohio 45414-3445  
U.S.A.  
(937)890-1100  
fax (937)890-5165  
www.pavetechnologyco.com

**PAVE technology co.**

DESCRIPTION PAVE-Opti Seal™ Cable Harnesses  
CF275-SS-150-8-F050/125-500-500mm FCPC

PART NUMBER  
**2290**

REVISION LEVEL  
**B**

PROJECTION

ALL DIMENSIONS AND TOLERANCES APPLY TO FINISHED PART IN INCHES  
ALLOWABLE TOLERANCES UNLESS SPECIFIED OTHERWISE: NONE +/-0.5  
.X DECIMAL +/- 0.1 .XX DECIMAL +/- 0.02 .XXX DECIMAL +/-0.005  
ANGLES +/- 1 DEG SURFACE FINISH 128 microinch RMS