



NOTES:

1. LEAK TEST: 6500 PSI, NO BUBBLES 2 MINUTES MINIMUM.
2. HE LEAK TEST VACUUM 10×10^{-7} CC/SEC OR LESS.
3. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
4. ALL PARTS MUST PASS ALL TESTS.
5. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
6. NO COSMETIC SURFACE VOIDS ARE ACCEPTABLE ON O-RING SEALING SURFACES, COSMETIC SURFACE VOIDS SMALLER THAN ϕ 0.035 [.89] ARE ACCEPTABLE ON ALL OTHER SURFACES.
7. REF-OPERATING TEMPERATURE -40°C TO 85°C.
8. PAVE-SEAL CAN BE A BI-DIRECTIONAL HERMETIC SEAL FOR VACUUM AND MOST PRESSURES. FOR PRESSURES ABOVE 150 PSI (10 BAR), CHECK WITH SALES ENGINEERING.
9. DIMENSIONS ARE INCHES [millimeters].
10. AFTER FIBERS ARE TERMINATED THE INSERTION LOSS IS <0.2dB.
11. FIBER <0.1dB INSERTION LOSS PER TURN AT 15mm BEND RADIUS MFD $9.8\mu\text{m} \pm .5\mu\text{m}$.
12. FIBER CAN BE SUMITOMO PURE ACCESS R15, CORNING CLEAR CURVE XB, OR POFC BENDSAFE RIBBON FIBER.

5	A/R	FOMBLIN YVAC 3	LUBRICANT O-RING FOMBLIN GREASE
4	1	B/U RING -010	BACK UP RING -010 SINGLE TURN
3	1	-010 VITON LT	O-RING -010 VITON 75 LOW TEMP
2	1	4510	FIBER RIBBON CABLE 12 SM FIBER 125um/242um/250um ACRYLATE JACKET
1	A/R	PAVE-Seal 150	EPOXY BLACK
ITEM	QTY	PART NUMBER	DESCRIPTION

2751 Thunderhawk Court
Dayton, OH 45414-3445
U.S.A.
tel (937) 890-1100
fax (937) 8905165
www.pavetechnologyco.com

PAVE technology co.

DESCRIPTION
SP6L-E-150-1-12SMFO-18.5-18.5

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

PART NUMBER
4547

MATERIAL NOTED

REVISION LEVEL -

PROJECTION