



NOTES:

1. HE LEAK TEST @ 1 ATM. 1X10⁻⁷ CC/SEC OR LESS. A GREEN PAINT DOT INDICATES THE PART HAS PASSED THE TEST.
2. HYPOT 630 VDC 500 MEGOHMS MINIMUM 0.01 SECOND MINIMUM WIRE TO WIRE TO SHIELDS AND HOUSING.
3. OPTICAL CONTINUITY CHECK ALL FIBERS WITH LASER.
4. ALCOHOL OR FOMBLIN YVAC 3 MAY BE USED TO LUBRICATE O-RINGS FOR VACUUM HELIUM LEAK TESTING.
5. ALL TESTS ARE PERFORMED AT ROOM TEMPERATURE.
6. ALL PARTS MUST PASS ALL TESTS.
7. CABLE POSITIONING IS APPROXIMATE & VARIABLE.
8. MARK EACH CABLE AND INDIVIDUAL FIBER WITH A UNIQUE NUMBER, USING THE SAME NUMBER ON BOTH ENDS OF EACH ITEM. CABLES ARE NUMBERED 1 THRU 14, FIBERS 1 THRU 12.
9. COSMETIC SURFACE VOIDS SMALLER THAN Ø0.035 [0.89] ARE ACCEPTABLE.
10. REF-OPERATING TEMPERATURE -20 °C TO 75 °C.
11. DIMENSIONS ARE INCHES [millimeters].
12. 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.

11	24	ST CONNECTOR	FO CONNECTOR ST STYLE W/BOOT
10	34	BRADY WIRE MARKERS	NUMBERED 1-14
9	1	4381	NUT VS44-SS
8	1	-233 BUTYL	O-RING -233 BUTYL 70
7	2	DX006KWLS9OP	CABLE MMFO 6 FIBERS 62.5/125um FLUOROPOLYMER JACKET
6	2	UL2426-24 7PR	CABLE 7TP #24 PVC INSULATION UNSHIELDED PVC JACKET UL2464
5	4	BELDEN 9504	CABLE 4TP #24 PVC INSULATION OVERALL FOIL SHIELD & #24 DRAIN PVC JACKET
4	4	BELDEN 8777	CABLE 3TSP #22 PP INSULATION INDIVIDUAL #22 DRAINS & FOIL SHIELDS PVC JACKET
3	2	BELDEN 8719	CABLE 1TP #16 PE INSULATION FOIL SHIELD & #18 DRAIN PVC JACKET
2	A/R	PAVE-Seal 150	EPOXY BLACK
1	1	4878	HOUSING VS44-SS
ITEM	QTY	PART NUMBER	DESCRIPTION

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DESCRIPTION
VS44-SS-150-2/4/4/2/2-TSP16/3TSP22/4TPS24/7TP24/6MMFO-480-240

PART NUMBER
4860

MATERIAL NOTED

REVISION LEVEL -

PROJECTION

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