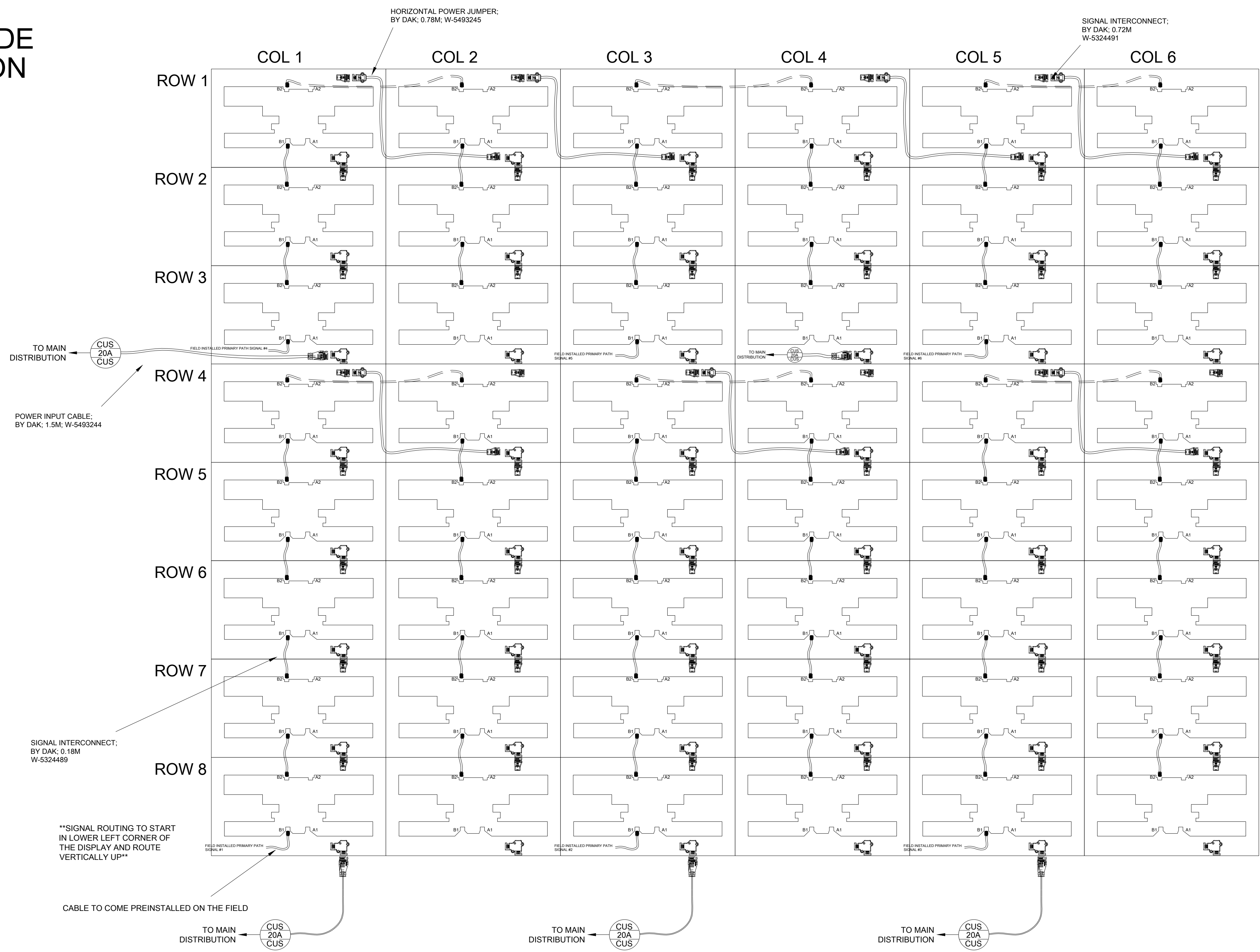
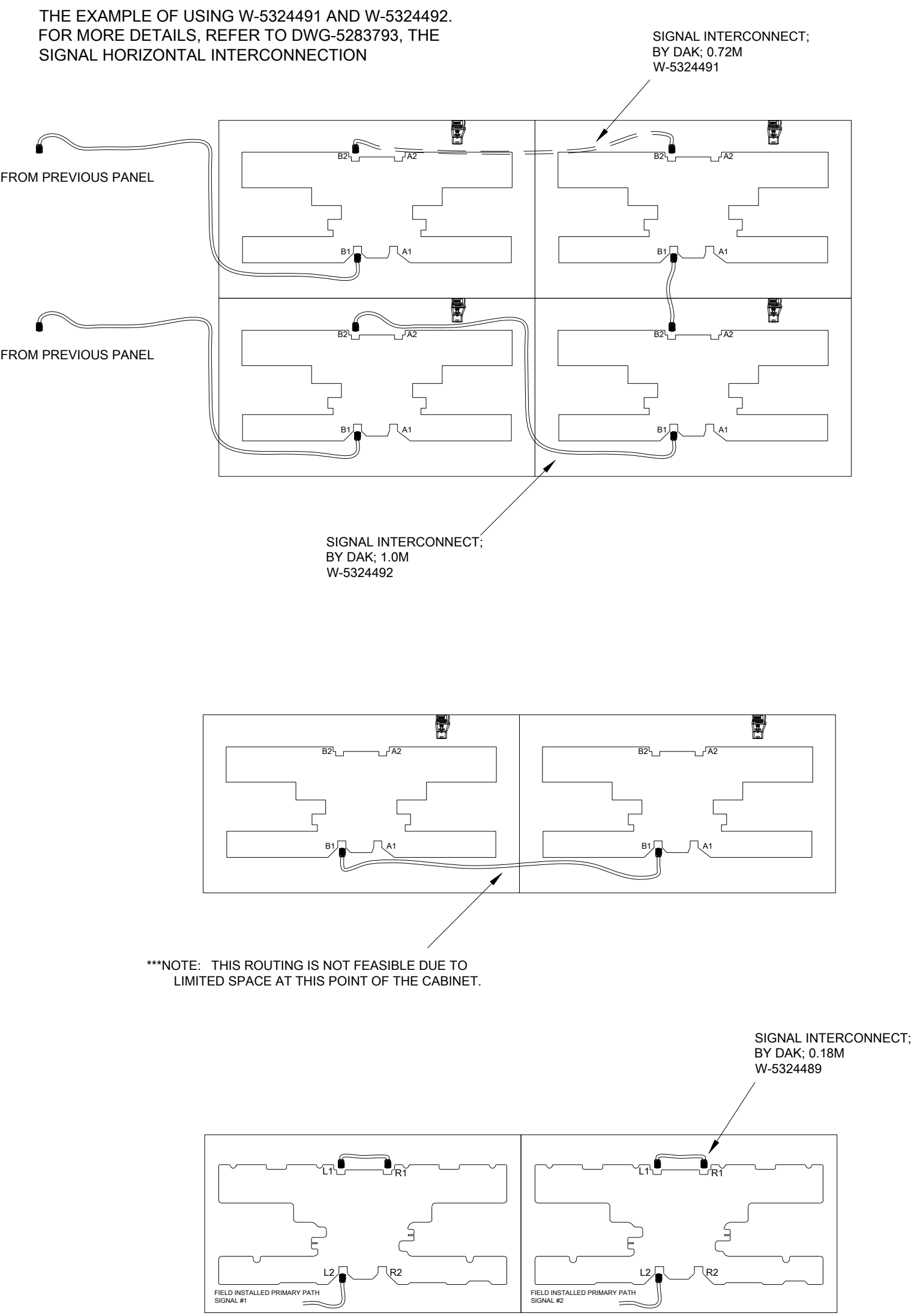


NPN-4600 DESIGN GUIDE
VERTICAL CONNECTION



FRONT VIEW



SYSTEM POWER 230V OR 120V		2 WIRE + GND		
	POWER (W) @ 600 NIT	CURRENT (A) @ 230V	CURRENT (A) @ 120V	
NPN-4600-0.7-600 NIT	68	0.30	0.57	
NPN-4600-0.9-600 NIT	66	0.29	0.55	
NPN-4600-1.2-600 NIT	56	0.24	0.47	
NPN-4600-1.5-600 NIT	54	0.23	0.45	
NPN-4600-1.8-600 NIT	54	0.23	0.45	
NPN-4600-0.7-1000 NIT	101	0.44	0.84	
NPN-4600-0.9-1000 NIT	91	0.40	0.76	
NPN-4600-1.2-1000 NIT	89	0.39	0.74	
NPN-4600-1.5-1000 NIT	87	0.38	0.73	
NPN-4600-1.8-800 NIT	73	0.32	0.61	

**MIN. 20A CIRCUIT REQUIRED AND USE OF A "D" CURVE
OR HIGH MAGNETIC BREAKER.

MAXIMUM QUANTITY OF PANELS PER POWER FEED IS
LIMITED TO:

16 PANELS @120V OR
12 PANELS @208V OR
10 PANELS @240V

SIGNAL DETAILS (SYSTEM CAN BE SET UP AS NOVASTAR ONLY)

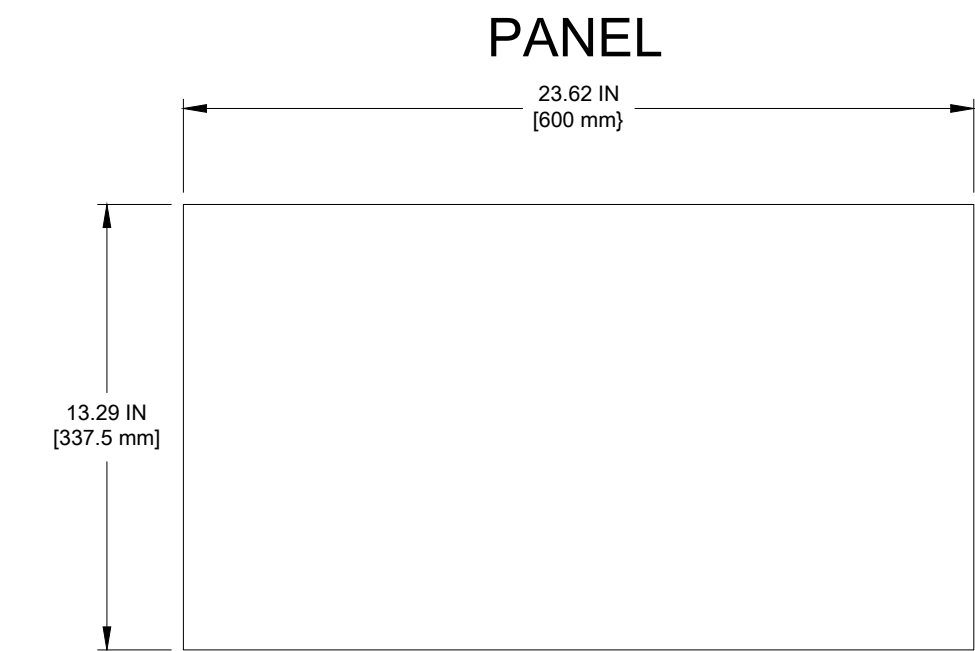
USE APPROPRIATE LENGTH CAT 5E/6 RJ45 CABLES TO CONNECT
FROM NOVASTAR SENDING BOXES OR FIBER CONVERTERS TO
INCOMING/RETURN PANEL SIGNAL LOCATIONS;
FIELD INSTALLED/TERMINATED.

PIXEL PITCH AND RESOLUTION				
PIXEL PITCH	ROWS	COLUMNS	PIXELS PER PANEL	MAX PANELS PER NOVASTAR OUTPUT*
0.7	432	768	331776	1
0.9	360	640	230400	2
1.2	270	480	129600	5
1.5	216	384	82944	7
1.8	180	320	57600	11

*NO CUSTOM FEATURES SUCH AS HDR, 3D EFFECT

DISCLAIMER
POWER AND SIGNAL WIRING
METHODS SHOWN ARE DESIGN
GUIDELINES ONLY. INSTALLER TO
FOLLOW ALL LOCAL AND
NATIONAL ELECTRICAL CODES.

DIMENSION INFORMATION



POWER/SIGNAL WIRING NOTES

PART NUMBER	DESCRIPTION	NOTE
W-5324489	JUMPER; CAT5E STP, RJ45 M TO RJ45 M, 0.18M	SIGNAL VERTICAL CONNECTION
W-5324490	JUMPER; CAT5E STP, RJ45 M TO RJ45 M, 0.6M	PLR RJ45 PORT CONNECTION
W-5324491	JUMPER; CAT5E STP, RJ45 M TO RJ45 M, 0.72M	SIGNAL HORIZONTAL CONNECTION
W-5324492	JUMPER; CAT5E STP, RJ45 M TO RJ45 M, 1.0M	SIGNAL ZIG-ZAG CONNECTION
W-5440650	CABLE; FD20-M TO FD20-F, 14AWG, 780MM	POWER HORIZONTAL CONNECTION
W-5493245	CABLE; FD20-M TO FD20-F, 12AWG, 780MM, BL/BRN/YELL GRN	POWER INPUT CABLE