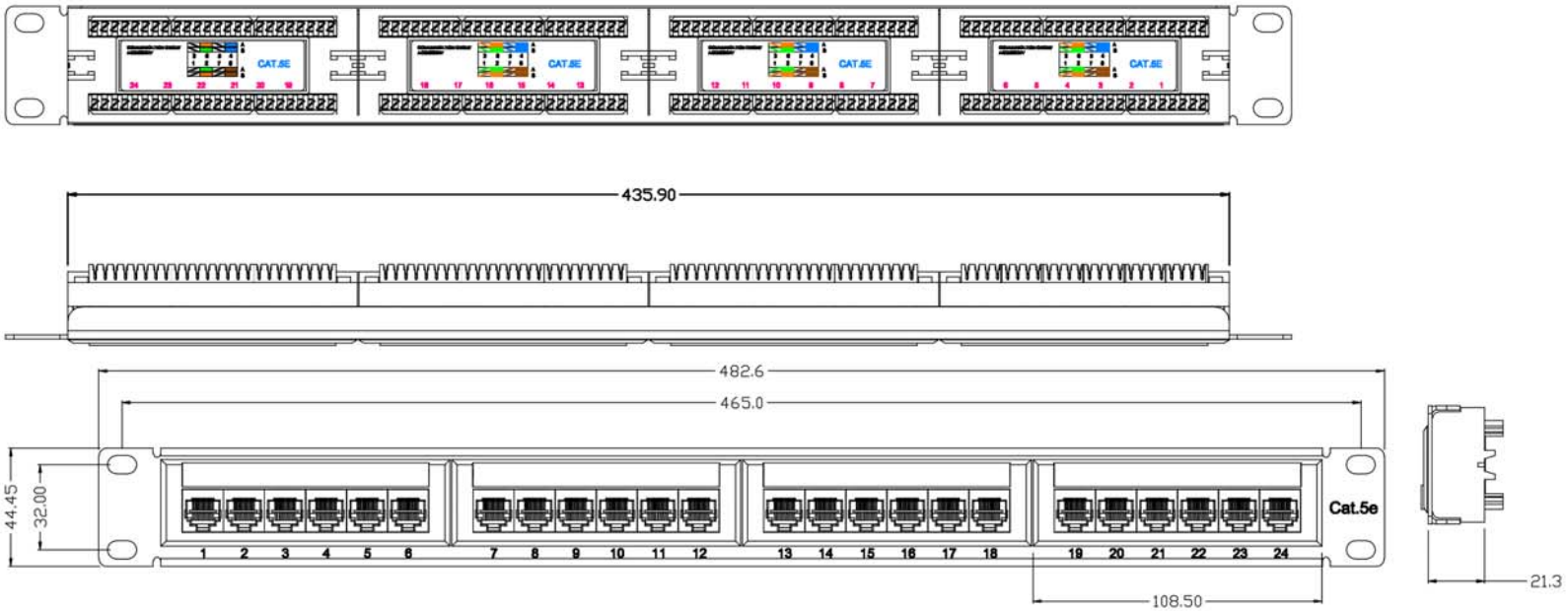

NOTES:

ELECTRICAL:

1. VOLTAGE RATING : 125 VAC RMS
2. CURRENT RATING : 1.5 AMP
3. CONTACT RESISTANCE : 100 MILLIOHMS MAX
4. INSULATION RESISTANCE: 1000 MEGOHMS MIN @ 500 VDC
5. DIELECTRIC STRENGTH : 750 VAC RMS 60Hz,1MIN

ENVIRONMENTAL:

1. STORAGE : −40°TO +85°
2. OPERATION : 0° TO 70°

CONFORM TO TIA/EIA 568B CATEGORY 5e

MATES WITH MODULAR PLUG CONFORMING TO FCC PART 68,

MECHANICAL:

1.HOUSING MATERIAL: PBT+15%GF UL94V-0
2.PANEL FRAME : S45C, POWDER COATING IN BLACK COLOR
3.IDC MATERIAL : PC UL94V-0 TERMINAL:PHOSPHOR BRONZE,TIN PLATING
4.RJ45 JACK LIFE : 750 TIMES MIN
5.IDC LIFE : 200 TIMES MIN
6.WIRE : AWG 24~26
7.TIA Cat 5e Perm. Link Test: Worst pair NEXT margin≥5.0dB
8.Retentiveness of insertion structure: 50N 60±5s
9. ROHS & REACH Compliant

6. CATEGORY 5e CHARACTERISTIC:

Frequence	Near-End Cross Talk dB, MIN.	Return Loss dB, MIN.	Attenuation dB, MAX.
1.0 MHZ	65.0	35.5	0.1
4.0 MHZ	65.0	35.5	0.1
8.0 MHZ	64.9	35.5	0.1
10.0 MHZ	63.0	35.5	0.1
16.0 MHZ	58.9	35.5	0.2
20.0 MHZ	57.0	34.0	0.2
25.0 MHZ	55.0	32.0	0.2
31.25 MHZ	53.1	30.1	0.2
62.5 MHZ	47.1	24.0	0.3
100.0 MHZ	43.0	20.0	0.4

MM / (INCH)	DFTD	DATE
TOLERANCES EXCEPT AS NOTED	CHKD	DATE
MM .0 ± 0.20 .00 ± 0.15	MFD	DATE
	APPVL	DATE
	REV	DATE
	MATERIAL:	
THIRD ANGLE PROJECTION	PART NO.	90-0060
	DRAWING NO.	

DETACHED L3515

TITLE
24 Port Unshielded CAT5 Patch Panel