

NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS

Dr. Bedec's Medical Offices

Portland, Maine

PANEL	CIRCUIT	WIRE GAUGE	LENGTH	CURRENT DRAW	VOLTAGE DROP	VOLTAGE LOSS	END VOLTAGE @ 24.0VDC	END VOLTAGE @ 20.4VDC	CIRCUIT LOAD
FCPS	NAC 1	14	180 FT	.632A	0.57 VDC	2.38%	23.43 VDC	19.83 VDC	21%
FCPS	NAC 2	14	284 FT	.871A	1.25 VDC	5.21%	22.75 VDC	19.15 VDC	29%
FCPS	NAC 3	14	280 FT	.743A	1.05 VDC	4.38%	22.95 VDC	19.35 VDC	25%
FCPS	NAC 4	14	335 FT	1.075A	1.82 VDC	7.58%	22.18 VDC	18.58 VDC	36%

FCPS #1: 3.321A/8A Spare Capacity: 58%

Calculated @ Maximum Distance/Current