

NOTIFICATION APPLIANCE CIRCUIT VOLTAGE DROPS

Patrons Oxford

Portland, Maine

PANEL	CIRCUIT	WIRE GAUGE	LENGTH	CURRENT DRAW	VOLTAGE DROP	VOLTAGE LOSS	END VOLTAGE	CIRCUIT LOAD
FCPS #1	NAC 1	14	250 FT	1.121A	1.42VDC	5.92%	22.58VDC	37%
FCPS #1	NAC 2	14	275 FT	1.694A	2.35VDC	9.79%	21.65VDC	57%
FCPS #1	NAC 3	14	280 FT	1.34A	1.90VDC	7.92%	22.1VDC	45%
FCPS #1	NAC 4	14	325 FT	1.804A	2.96VDC	12.33%	21.04VDC	60%

FCPS #1: 5.959A/8A Spare Capacity: 25%

Calculated @ Maximum Distance/Current