

Power, Smaller Cables and Tempwr Sources - Power Distribution.

Single Ended - With 15 connectors

TERMPWR	Narrow -----						Wide -----			# Cond	- AWG
Source/end V	1-28	1-30	1-32	2-28	2-30	2-32	4-28	4-30	4-32		
2.8 2.7	**	**	**	**	**	**	5	3	1.86	Feet	
2.94 2.7	5.3	3.2	2	10.6	6.4	4	20.7	12.4	7.8	Feet	
4.25 2.7	68.4	41.1	25.7	136.9	82.1	51.3	167.7	100.6	62.9	Feet	
4.25 4.0	5.8	3.5	2.17	11.6	7	4.4	21.8	13.1	8.2	Feet	

Terminator Input voltage

Maximum cable length in Feet

Single Ended - with 3 Connectors

Tempwr V	1-28	1-30	1-32	2-28	2-30	2-32	4-28	4-30	4-32	
2.8 2.7	3.6	2.1	1.3	7.1	4.3	2.7	10	6	3.7	Feet
2.94 2.7	10.3	6.2	3.9	20.6	12.4	7.7	25.7	15.4	9.6	Feet
4.25 2.7	73.4	44.1	27.5	146.9	88.1	55.1	172.7	103.6	64.8	Feet
4.25 4.0	10.8	6.5	4.1	21.6	13	8.1	26.8	16.1	10.1	Feet

Terminator Input voltage

1 & 2 wires are (18 lines with 12 low maximum)

(2 wire uses the same pin, but two wires crimped together to reduce the drop.)

4 wires is wide (27 lines with 21 low maximum)

Included

** Doesn't Work - Battery tolerances with 7 devices.

(Add connector resistance 25 milliohms per mated connector.)

Worst case 15 connectors or 0.375 ohms

Typical 3 connectors 0.075 ohms