Sivoia QED Wiring Guidelines

Use this chart to determine the maximum cable length between a shade and one output of the Sivoia QED Power Panel, based on the wire gauge that will be used.

Shade Wiring 3 Conductor (EGN; AC1; AC2)			
Devices per one output	**Maximum distance per one output based on wire guage**		
	16 AWG ($1{,}5\ mm^2$) SVQ-CBL-250	**18 AWG ($1\ mm^2$)**	**20 AWG ($0{,}5\ mm^2$)**
1 Sivoia QED Shade/Drapery	200 ft (60 m)	125 ft (38 m)	75 ft (22 m)

Use this chart to determine the maximum cable length between keypads and one ouput of the Sivoia QED Power Panel, based on the number of keypads and the wire gauge that will be used.

Communications Link 4 Conductor, Shielded, Twisted (COM; 14V; MUX; MUX)			
Keypads* per one output	**Maximum distance from Operator to Keypad based on wire guage**		
	16 AWG ($1{,}5\ mm^2$)	**18 AWG ($1\ mm^2$)** SVQ-CBL-250	**20 AWG ($0{,}5\ mm^2$)**
1 Keypad	1500 ft (450 m)	1000 ft (300 m)	600 ft (175 m)
2 Keypads	800 ft (240 m)	500 ft (150 m)	325 ft (100 m)
3 Keypads	500 ft (150 m)	300 ft (90 m)	180 ft (55 m)
4 Keypads	300 ft (90 m)	200 ft (60 m)	125 ft (38 m)

* The number of keypads should not exceed the number of shades/draperies on the link.

Use this chart to determine the maximum cable length between a shade/control and the Sivoia QED Link Supply, based on the wire gauge that will be used.

QED Individual Power Supply (SVQ-PS-Px-1-50 or SVQ-PS-J-1-50)			
Powered Devices	**Maximum distance per one output based on wire guage**		
Shades + Controls	**12 AWG ($4\ mm^2$)**	**16 AWG ($1.5\ mm^2$)**	**18 AWG ($1\ mm^2$)**
1 Sivoia QED Shade/Drapery + 1 Keypad	250 ft (75 m)	100 ft (30 m)	50 ft (15 m)