

QS Wireless Power Supply Wiring Guideline

Use this chart to determine the number of shades that can be powered from one output on the Sivoia QS Wireless Panel or from the output of the QS Wireless Individual Power Supply depending on the size of the shade. Then, verify the maximum cable length for the output configuration, based on the wire gauge that will be used for the 2 power conductors.

QS Wireless Power Supply Panel (QSPSY-Px-10-60)			
Maximum devices per one output	Maximum distance per one output based on wire guage		
Sivoia QS Shade or Drapery	12 AWG (4 mm ²)	16 AWG (1,5 mm ²) QSHY-CBL-M-500 QSHY-CBLP-M-500	18 AWG (1 mm ²)
1 Sivoia QS Shade or Drapery	500 ft (150 m)	200 ft (60 m)	125 ft (35 m)
2 Sivoia QS Roller64, ≤ 30 ft ² (2.75 m ²) each	200 ft (60 m)	75 ft (20 m)	50 ft (15 m)
3 Sivoia QS Roller64, ≤ 20 ft ² (1.8 m ²) each			
2 Sivoia QS Roller100, ≤ 50 ft ² (4.6 m ²) each			

QS Wireless Individual Power Supply (QSPS-Px-1-50 or QSPS-J-1-50)			
Maximum devices per one output	Maximum distance per one output based on wire guage		
Sivoia QS Shade or Drapery	12 AWG (4 mm ²)	16 AWG (1,5 mm ²) QSHY-CBL-M-500 QSHY-CBLP-M-500	18 AWG (1 mm ²)
1 Sivoia QS Shade or Drapery	250 ft (75 m)	100 ft (30 m)	50 ft (15 m)