

Seriplex® Control Bus Material Pull Pendant

— Descriptive Bulletin

A modular solution from Square D easy to install, reconfigure, and expand.

What is a material pull system?

Wherever inventory parts control is required in a final assembly process, a material pull system typically is used for the marshaling and staging of floor stock.

Seriplex Material Pull Pendants are ideal control for such a system because the pendant stations are linked by a five-conductor cable, reducing the amount of control wiring needed. This substantially reduces installation costs, and makes system expansion and reconfiguration much easier and less costly.

What does a Seriplex system provide?

Seriplex control bus is a simple method of connecting control system input and output devices using a single cable. Features include:

- **Distance** - 5,000+ foot cable runs allowed.
- **Economy** - 30 to 70% installed cost savings.
- **Capacity** - accommodates more than 255 inputs and 255 outputs.
- **Proven Reliability** - More than 750,000 installed I/O points over past five years.
- **Expandable** - add, modify or remove components without system reconfiguration.
- **Free Topology** - use any wiring configuration (star, loop, tree, trunks, daisy chain).

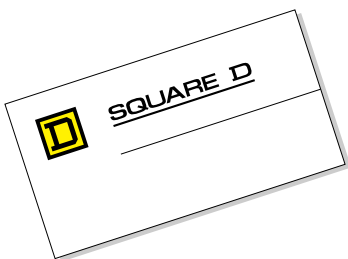


T-connector and cable

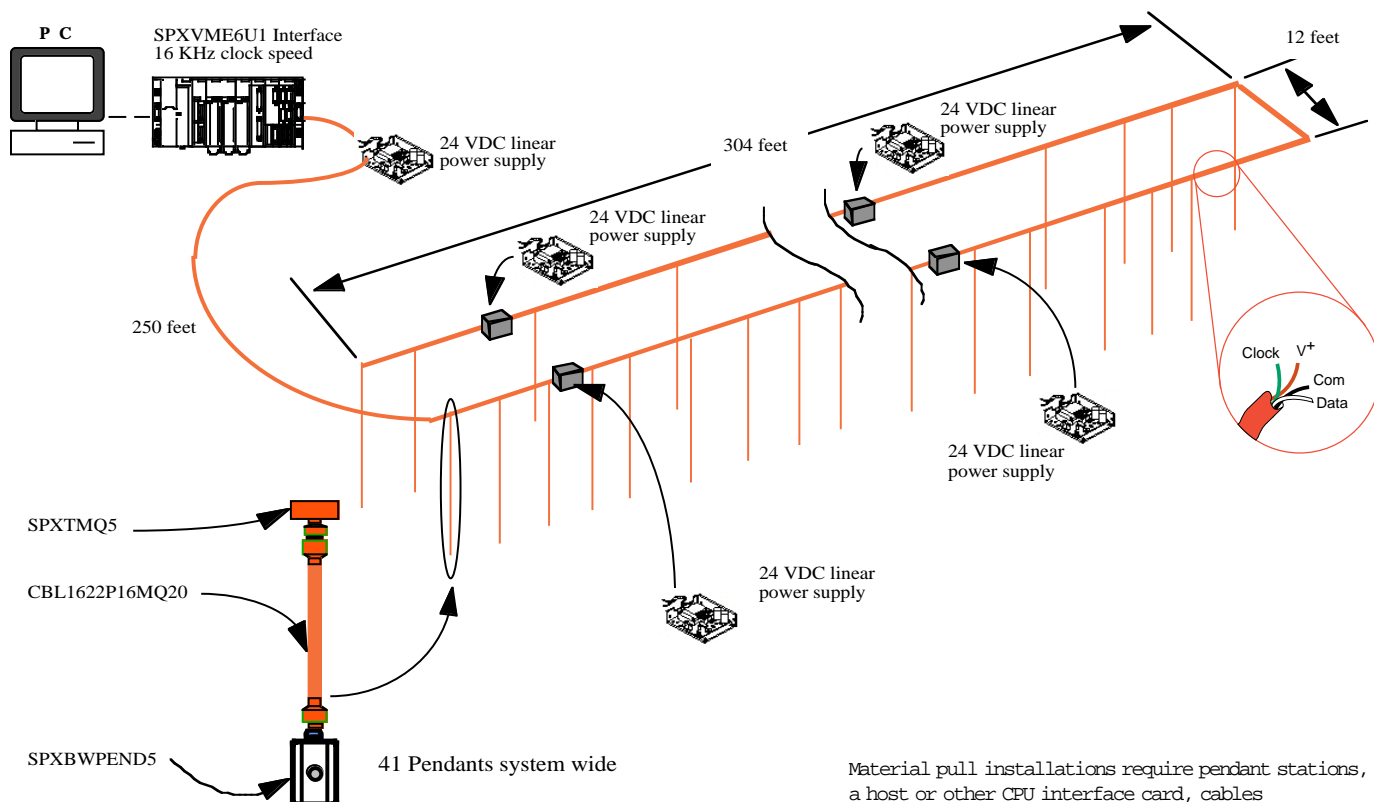


Seriplex V2 chip

- A Seriplex Material Pull Pendant from Square D encloses a single 30mm illuminated push button within a rugged industrial housing.
- A Seriplex bus cable provides the electrical connection to the pendant through a five-pin, minstyle, quick-change connector.
- A Seriplex Material Pull Pendant features a Seriplex Version 2 chip embedded in the 30mm push button module.



Seriplex® Control Bus Material Pull Pendant



Material pull installations require pendant stations, a host or other CPU interface card, cables and T-connectors, 24-VDC power supply, hand held set-up tool and an adaptor cable.

Typical Bill of Material

<u>Item</u>	<u>Qty</u>	<u>Part Number</u>	<u>Description</u>
1	1	SPXVME6U1	VME backplane interface card
2	5		24 VDC power supply, linear, regulated
3	41	SPXTMQ5	Miniconnector "T", 5-pin
4	41	SPXBWPEND5	Pendant, single illuminated LED push button, 5-pin ministyle quick-change connector
6	2	CBL1622P16MQ100	Seriplex 5-pin, miniconnectors, one male and one female 100-foot cable
7	1	CBL1622P16MQ50	Seriplex 5-pin, miniconnectors, one male and one female 50-foot cable
8	45	CBL1622P16MQ8	Seriplex 5-pin, miniconnectors, one male and one female 8-foot cable
9	41	CBL1622P16MQ20	Seriplex 5-pin, miniconnectors, one male and one female 20-foot cable
10	1	SPXSST2	Hand held set-up tool
11	1	SPXHH2P2CABLE	Set-up tool cable for Type BW pendant from Square D

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