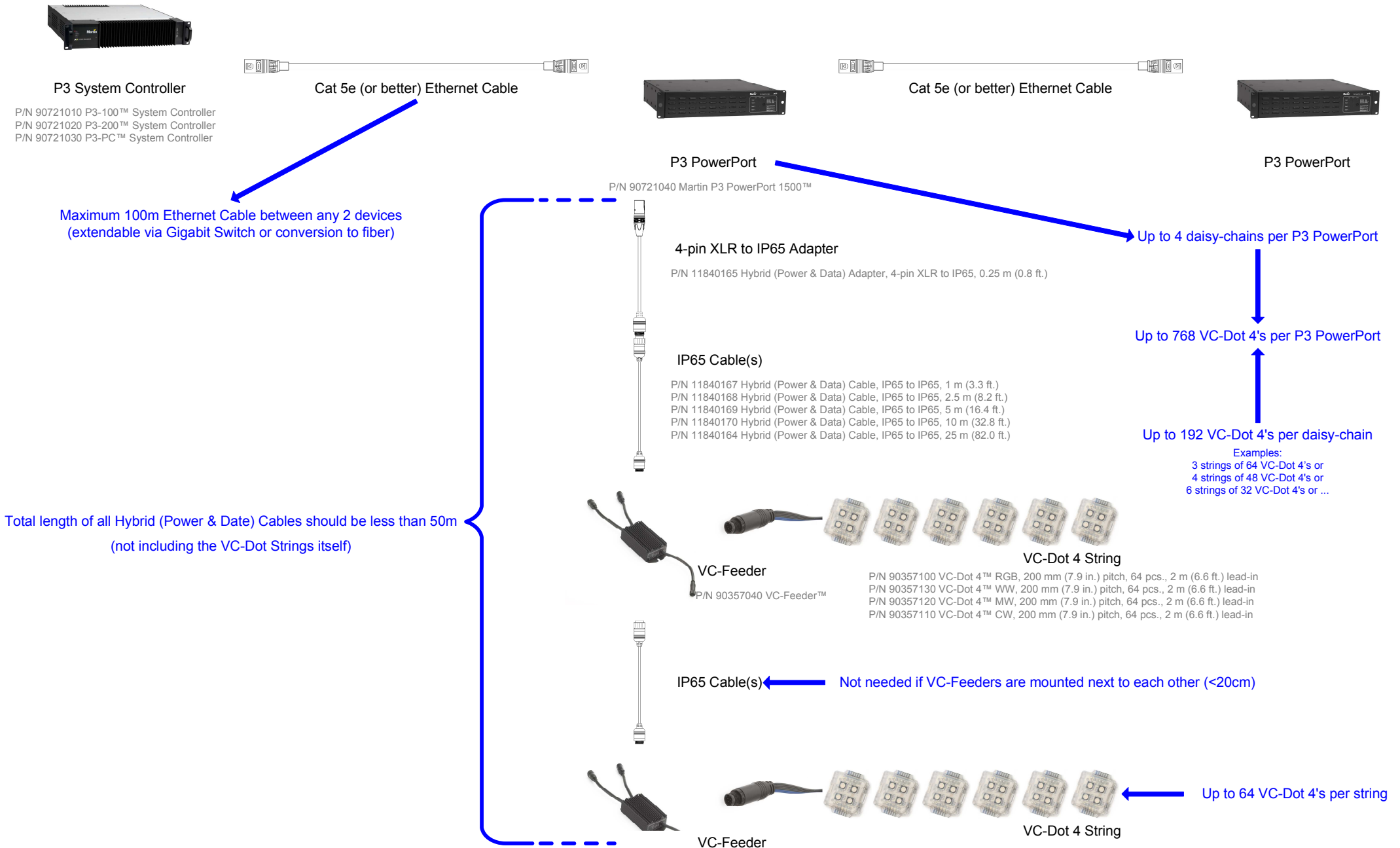


VC-Dot 4 System Diagram

P3-Mode

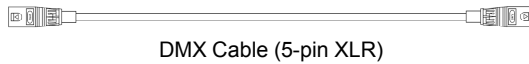


VC-Dot 4 System Diagram

DMX-Mode with Tripix Power IP66



DMX Source



DMX Cable (5-pin XLR)



Tripix Power IP66

P/N 90760330 Tripix™ Power IP66

5-pin XLR + Tripix Power to IP65 Adapter

P/N 11840195 Hybrid (Power & Data) Adapter, 5-pin XLR + Tripix power to IP65, 0.25 m (0.8 ft.)

Up to 128 VC-Dot 4's per daisy-chain

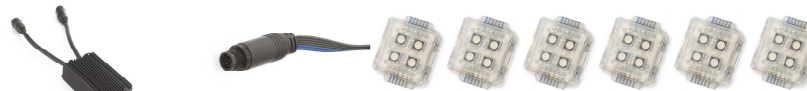
Examples:

2 strings of 64 VC-Dot 4's or
4 strings of 32 VC-Dot 4's or
8 strings of 16 VC-Dot 4's or ...

IP65 Cable(s)

P/N 11840167 Hybrid (Power & Data) Cable, IP65 to IP65, 1 m (3.3 ft.)
P/N 11840168 Hybrid (Power & Data) Cable, IP65 to IP65, 2.5 m (8.2 ft.)
P/N 11840169 Hybrid (Power & Data) Cable, IP65 to IP65, 5 m (16.4 ft.)
P/N 11840170 Hybrid (Power & Data) Cable, IP65 to IP65, 10 m (32.8 ft.)
P/N 11840164 Hybrid (Power & Data) Cable, IP65 to IP65, 25 m (82.0 ft.)

Total length of all Hybrid (Power & Date) Cables should be less than 50m
(not including the VC-Dot Strings itself)



VC-Feeder

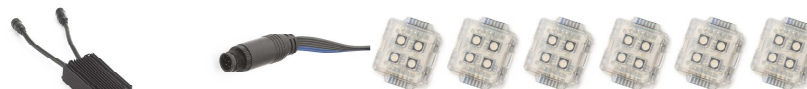
P/N 90357040 VC-Feeder™

VC-Dot 4 String

P/N 90357100 VC-Dot 4™ RGB, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in
P/N 90357130 VC-Dot 4™ WW, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in
P/N 90357120 VC-Dot 4™ MW, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in
P/N 90357110 VC-Dot 4™ CW, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in

IP65 Cable(s)

Not needed if VC-Feeders are mounted next to each other (<20cm)



VC-Feeder

VC-Dot 4 String

Up to 64 VC-Dot 4's per string

VC-Dot 4 System Diagram

DMX-Mode with Generic 48Vdc Power Supply



DMX Source



DMX Cable (5-pin XLR)



48Vdc Power Supply

Taking into account voltage-drops over 50m cable, a string of 64 VC-Dot 4's will consume 120W

Example: A daisy-chain of 6 VC-Dot 4 Strings with 32 Dots each needs a 48V/360W Power Supply

5-pin XLR + Power to IP65 Adapter

P/N 11840174 Hybrid (Power & Data) Adapter, 5-pin XLR + power to IP65, 0.25 m (0.8 ft.)

Up to 192 VC-Dot 4's per daisy-chain

Examples:

3 strings of 64 VC-Dot 4's or
4 strings of 48 VC-Dot 4's or
6 strings of 32 VC-Dot 4's or ...

IP65 Cable(s)

P/N 11840167 Hybrid (Power & Data) Cable, IP65 to IP65, 1 m (3.3 ft.)
P/N 11840168 Hybrid (Power & Data) Cable, IP65 to IP65, 2.5 m (8.2 ft.)
P/N 11840169 Hybrid (Power & Data) Cable, IP65 to IP65, 5 m (16.4 ft.)
P/N 11840170 Hybrid (Power & Data) Cable, IP65 to IP65, 10 m (32.8 ft.)
P/N 11840164 Hybrid (Power & Data) Cable, IP65 to IP65, 25 m (82.0 ft.)

If individual pixel control is required,
maximum 170 VC-Dot 4's can be put in a
daisy-chain (510 DMX Channels)

Total length of all Hybrid (Power & Date) Cables should be less than 50m
(not including the VC-Dot Strings itself)



VC-Feeder

P/N 90357040 VC-Feeder™

VC-Dot 4 String

P/N 90357100 VC-Dot 4™ RGB, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in
P/N 90357130 VC-Dot 4™ WW, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in
P/N 90357120 VC-Dot 4™ MW, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in
P/N 90357110 VC-Dot 4™ CW, 200 mm (7.9 in.) pitch, 64 pcs., 2 m (6.6 ft.) lead-in

IP65 Cable(s)

Not needed if VC-Feeders are mounted next to each other (<20cm)



VC-Feeder

VC-Dot 4 String

Up to 64 VC-Dot 4's per string