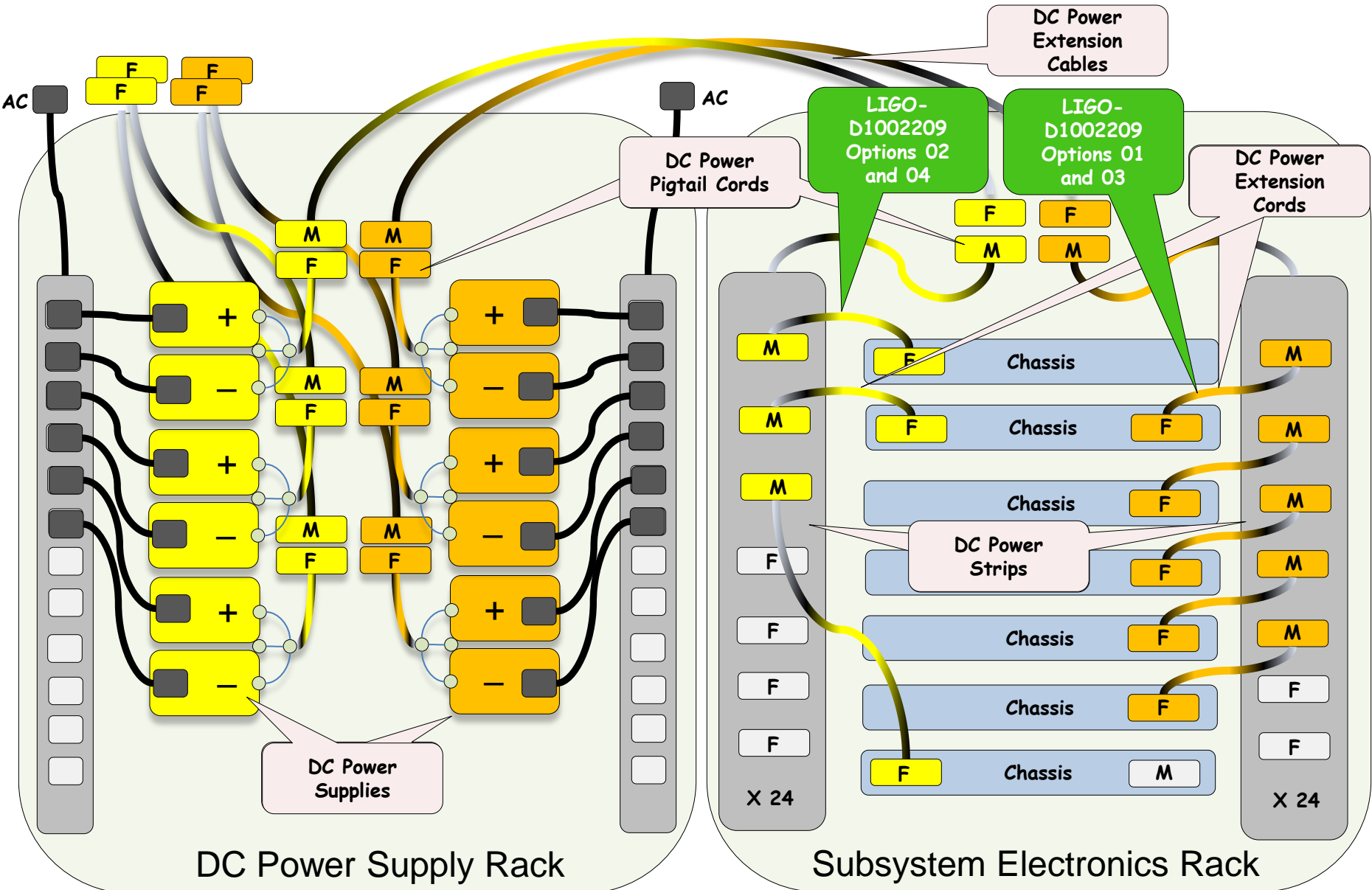


LIGO-D1002209 - DC Power Extension Cord



DC Power Supply Rack

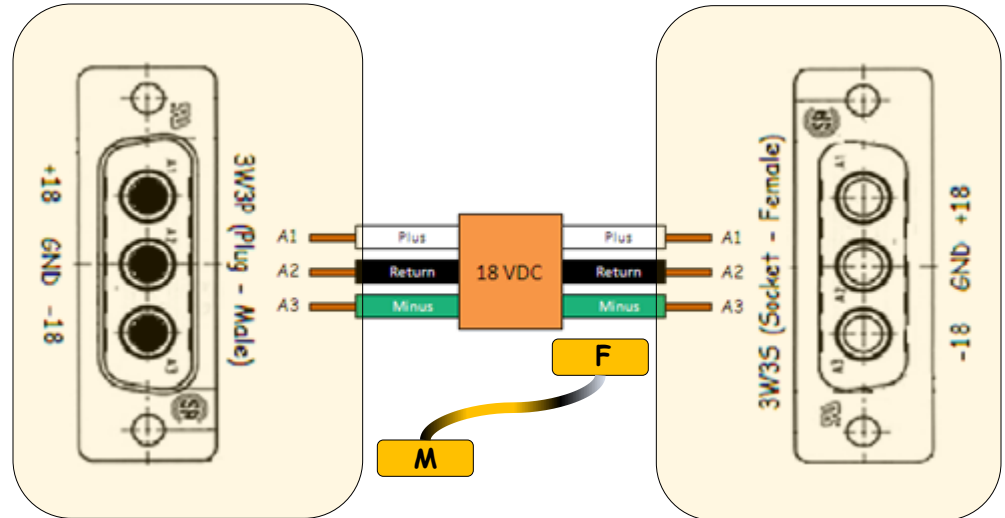
Subsystem Electronics Rack

DC Power Extension Cords

Standard 3-foot cords, molded backshells and screws on both connectors

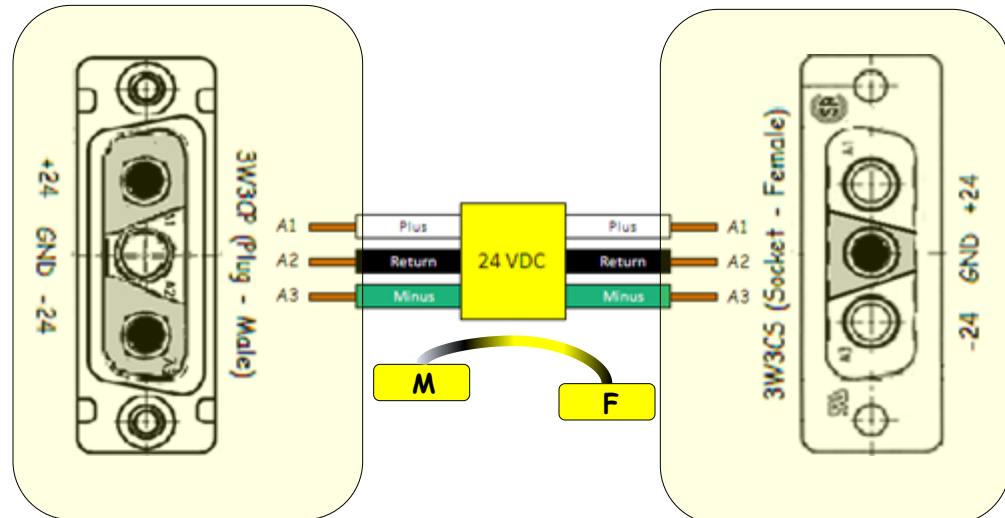
D1002209 Opt 01 Orange 16/3 13A McMaster-Carr 7394K33 Cable
D1002209 Opt 01 Conec 3003W3PXX42A10X Connector
D1002209 Opt 01 Conec 3003W3SXX42A10X Connector

D1002209 Opt 03 Orange 12/3 25A McMaster-Carr 7394K13 Cable
D1002209 Opt 03 Conec 3003W3PXX42A10X Connector
D1002209 Opt 03 Conec 3003W3SXX42A10X Connector



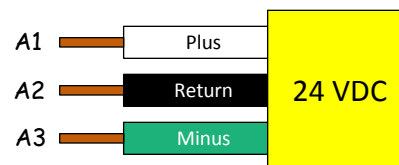
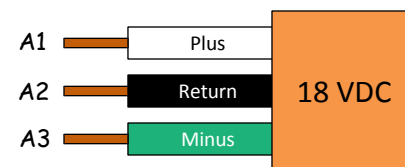
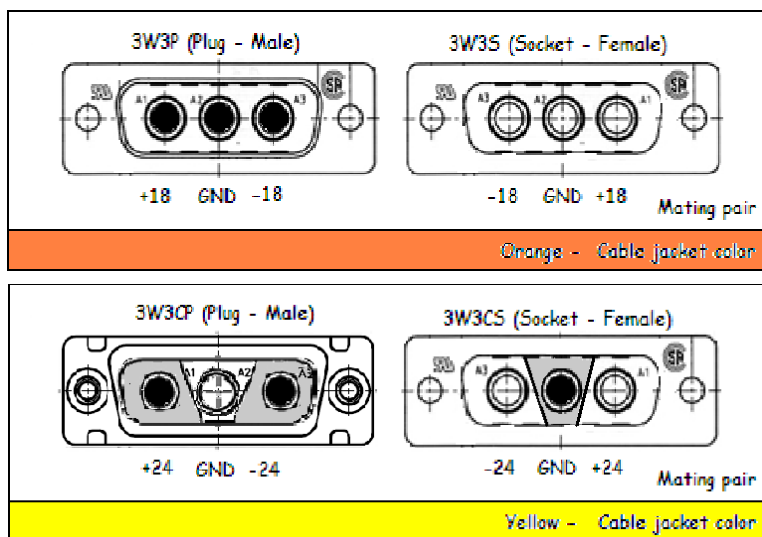
D1002209 Opt 02 Yellow 16/3 13A McMaster-Carr 8046K13 Cable
D1002209 Opt 02 Conec 303W3CPXX42A10X Connector
D1002209 Opt 02 Conec 303W3CSXX42A10X Connector

D1002209 Opt 04 Yellow 12/3 25A McMaster-Carr 8046K16 Cable
D1002209 Opt 04 Conec 303W3CPXX42A10X Connector
D1002209 Opt 04 Conec 303W3CSXX42A10X Connector



D1002209 - DC Power Extension Cord - Connectors

Connectors

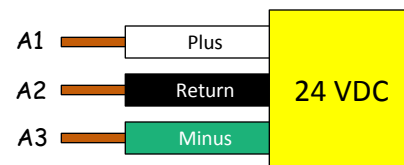
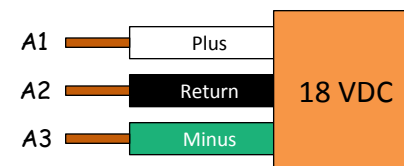


| | | | |
|-------------------------|------------------|-------------------|-----------------|
| D1002209 Options 01, 03 | +/- 18VDC Male | Conec Part Number | 3003W3PXX42A10X |
| D1002209 Options 01, 03 | +/- 18VDC Female | Conec Part Number | 3003W3SXX42A10X |
| D1002209 Options 02, 04 | +/- 24VDC Male | Conec Part Number | 303W3CPXX42A10X |
| D1002209 Options 02, 04 | +/- 24VDC Female | Conec Part Number | 303W3CSXX42A10X |

D1002209 - DC Power Extension Cord - Cables

Cable

| | | | | | |
|--------------------|--------|-------|------|-----|-----------------------|
| D1002209 Option 01 | Orange | SJTW | 16/3 | 13A | McMaster-Carr 7394K33 |
| D1002209 Option 02 | Yellow | SJEOW | 16/3 | 13A | McMaster-Carr 8046K13 |
| D1002209 Option 03 | Orange | SJTW | 12/3 | 25A | McMaster-Carr 7394K13 |
| D1002209 Option 04 | Yellow | SJEOW | 12/3 | 25A | McMaster-Carr 8046K16 |



D1002209 Option 01 - DC Extension Cord - BOM

+/- 18VDC 10A (Used between DC Power Strip and 18VDC Chasses)

| TLA | Version | Option | Description | | | | | | |
|----------|-----------|--|--|--------------|---------------|----------------------|----------|------|--|
| D1002209 | V1 | 01 | DC Power Extension Cord (+/- 18V, 10A) Orange | | | | | | |
| Item | Part Type | Description | Designator | Manufacturer | Supplier | Supplier Part Number | Quantity | Unit | |
| 1 | Wire | Orange SJTW AWG 16/3 13A Stranded | 18V Cable | | McMaster-Carr | 7394K33 | 3 | ft | |
| 2 | Connector | Conec 3 Pin Socket Connector Solder cup 20A, Riveted | | Conec | Conec | 3003W3SXX42A10X | 1 | @ | |
| 3 | Connector | Conec 3 Pin Plug Connector Solder cup 20A, Riveted | | Conec | Conec | 3003W3PXX42A10X | 1 | @ | |
| 4 | Backshell | Molded Backshell with 4-40 screws | | ? | ? | ? | 2 | @ | |

D1002209 Option 02 - DC Extension Cord - BOM

+/- 24VDC 10A (Used between DC Power Strip and 24VDC Chasses)

| TLA | Version | Option | Description | | | | | | |
|----------|---------|-----------|--|------------|--------------|---------------|----------------------|----------|------|
| D1002209 | V1 | 02 | DC Power Extension Cord (+/- 24V, 10A) Yellow | | | | | | |
| | Item | Part Type | Description | Designator | Manufacturer | Supplier | Supplier Part Number | Quantity | Unit |
| | 1 | Wire | Yellow SJEOOW AWG 16/3 13A Stranded | 24V Cable | | McMaster-Carr | 8046K13 | 3 | ft |
| | 2 | Connector | Conec 3 Pin Socket Connector (2 Female, Center Male) Solder cup 20A, Riveted | | Conec | Conec | 303W3CSXX42A10X | 1 | @ |
| | 3 | Connector | Conec 3 Pin Plug Connector (2 Female, Center Male) Solder cup 20A, Riveted | | Conec | Conec | 303W3CPXX42A10X | 1 | @ |
| | 4 | Backshell | Molded Backshell with 4-40 screws | | ? | ? | ? | 2 | @ |

D1002209 Option 03 - DC Extension Cord - BOM

+/- 18VDC 20A (Used between DC Power Strip and 18VDC Chasses)

| TLA | Version | Option | Description | | | | | | |
|----------|---------|-----------|---|------------|--------------|---------------|----------------------|----------|------|
| D1002209 | V1 | 03 | DC Power Extension Cord (+/- 18V, 20A) Orange | | | | | | |
| | | | | | | | | | |
| | Item | Part Type | Description | Designator | Manufacturer | Supplier | Supplier Part Number | Quantity | Unit |
| | 1 | Wire | Orange SJTW AWG 12/3 25A Stranded | 18V Cable | | McMaster-Carr | 7394K13 | 3 | ft |
| | 2 | Connector | Conec 3 Pin Socket Connector Solder cup 20A, Riveted | | Conec | Conec | 3003W3SXX42A10X | 1 | @ |
| | 3 | Connector | Conec 3 Pin Plug Connector Solder cup 20A, Riveted | | Conec | Conec | 3003W3PXX42A10X | 1 | @ |
| | 4 | Backshell | Molded Backshell with 4-40 screws | | ? | ? | ? | 2 | @ |

D1002209 Option 04 - DC Extension Cord - BOM

+/- 24VDC 20A (Used between DC Power Strip and 24VDC Chasses)

| TLA | Version | Option | Description | | | | | | |
|----------|-----------|--|---|--------------|---------------|----------------------|----------|------|--|
| D1002209 | V1 | 04 | DC Power Extension Cord (+/- 24V, 20A) Yellow | | | | | | |
| Item | Part Type | Description | Designator | Manufacturer | Supplier | Supplier Part Number | Quantity | Unit | |
| 1 | Wire | Yellow SJEOOW AWG 12/3 25A Stranded | 24V Cable | | McMaster-Carr | 8046K16 | 3 | ft | |
| 2 | Connector | Conec 3 Pin Socket Connector (2 Female, Center Male) Solder cup 20A, Riveted | | Conec | Conec | 303W3CSXX42A10X | 1 | @ | |
| 3 | Connector | Conec 3 Pin Plug Connector (2 Female, Center Male) Solder cup 20A, Riveted | | Conec | Conec | 303W3CPXX42A10X | 1 | @ | |
| 4 | Backshell | Molded Backshell with 4-40 screws | | ? | ? | ? | 2 | @ | |