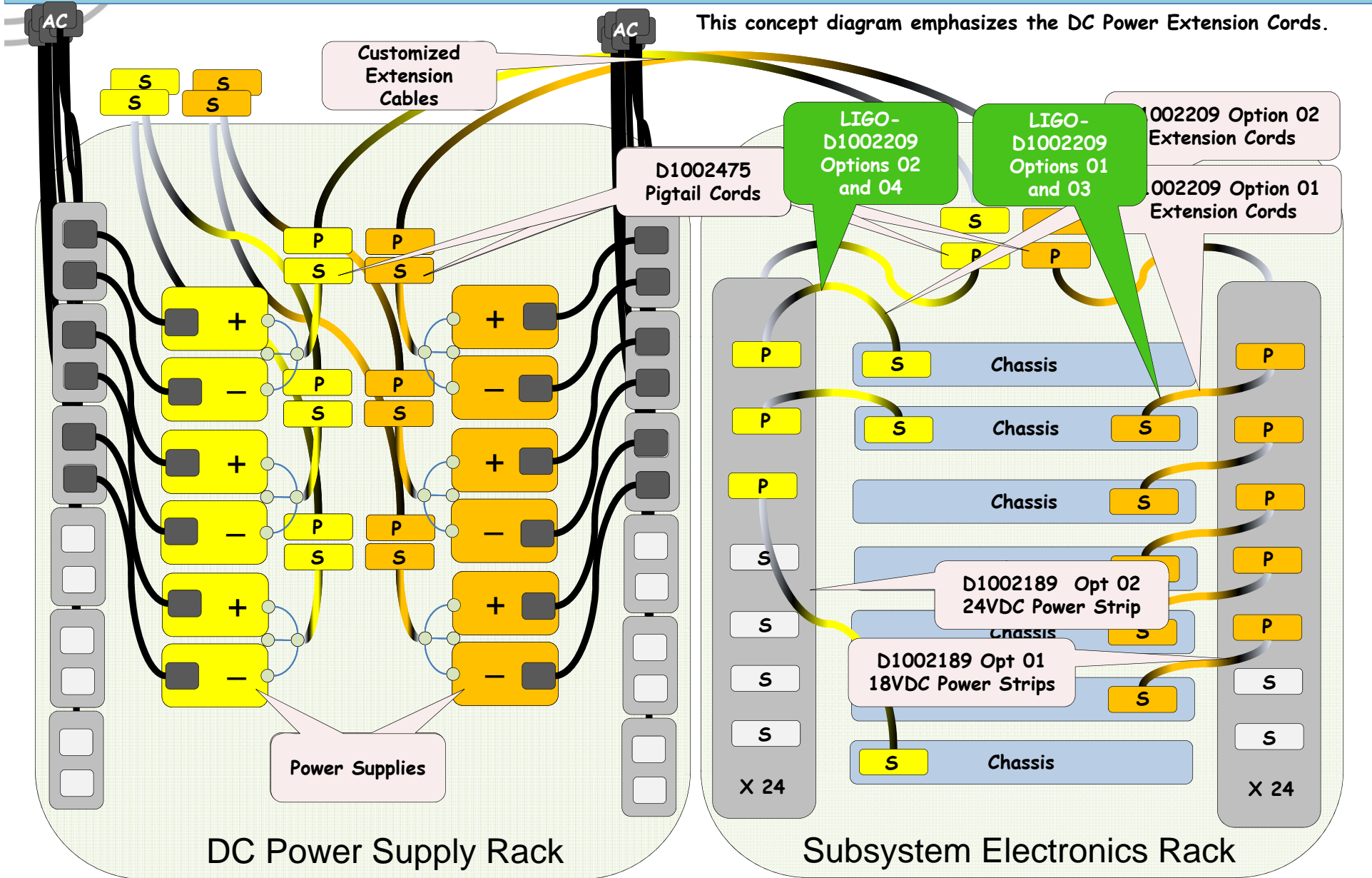


D1002209 - DC Power Extension Cord

This concept diagram emphasizes the DC Power Extension Cords.





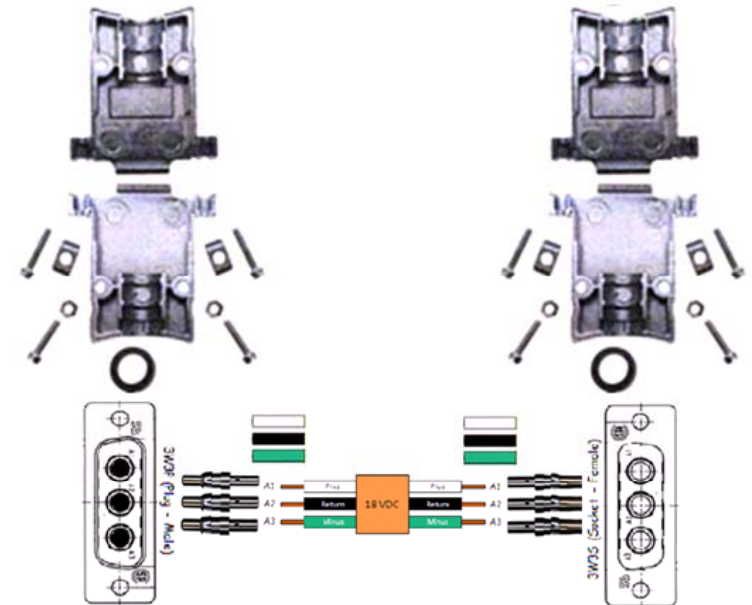
D1002209 Option 01 - DC Extension Cord - BOM

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

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

D1002209 Opt 01 (18V 10A Extension Cord)								
Item	Part Type	Description	Designator	Manufacturer	Supplier	Supplier Part Number	Quantity	Unit
1	Cable	Orange SJTW AWG 16/3 13A Stranded	18V Cable		McMaster-Carr	7394K33	3	ft
2	Connector Shell	3W3 Male Combo Shell - No Power		Conec	Conec	3003W3PXX99A10X	1	@
3	Connector Contact	20 AMP Male Power Contact		Conec	Conec	131C11029X	3	@
4	Connector Shell	3W3 Female Combo Shell - No Power		Conec	Conec	3003W3SXX99A10X	1	@
5	Connector Contact	20 AMP Female Power Contact		Conec	Conec	132C11029X	3	@
6	Backshell	Connector Backshell DB15 DIE CAST ZINC		Amphenol	Digi-Key	17E-1657-15-ND	2	@
7	Heat Shrink	Heat Shrink Insulation	Lab Supplies				1	@

- Orange 16/3 13A McMaster-Carr 7394K33 Cable
- Conec 3003W3PXX99A10X Connector
- Conec 3003W3SXX99A10X Connector
- Conec 131C11029X Male Contacts
- Conec 132C11029X Female Contacts
- Digi-Key 17E-1657-15-ND Backshells





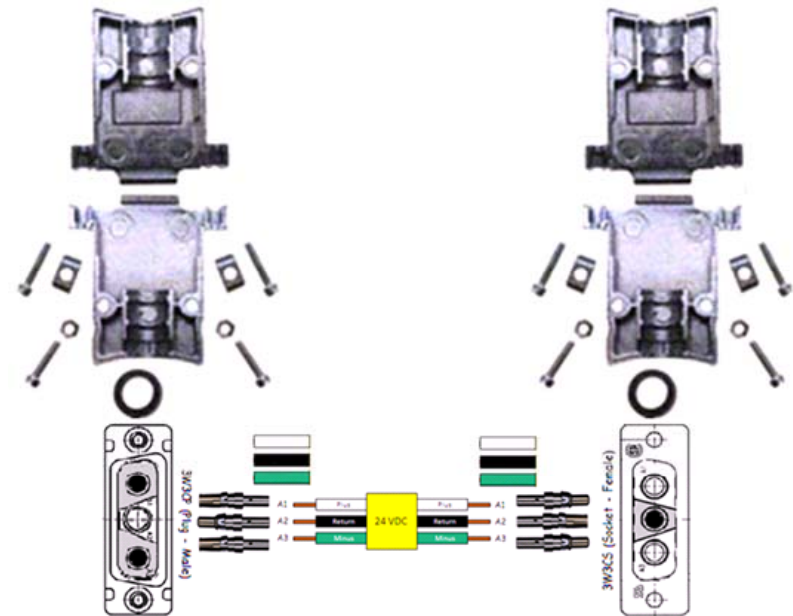
D1002209 Option 02 - DC Extension Cord - BOM

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

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

D1002209 Opt 02 (24V 10A Extension Cord)								
Item	Part Type	Description	Designator	Manufacturer	Supplier	Supplier Part Number	Quantity	Unit
1	Cable	Yellow SJEOOW AWG 16/3 13A Stranded	24V Cable		McMaster-Carr	8046K12	3	ft
2	Connector Shell	3W3C Male Combo Shell - No Power		Conec	Conec	303W3CPXX99A10X	1	@
3	Connector Contact	20 AMP Male Power Contact		Conec	Conec	131C11029X	3	@
4	Connector Shell	3W3C Female Combo Shell - No Power		Conec	Conec	303W3CSXX99A10X	1	@
5	Connector Contact	20 AMP Female Power Contact		Conec	Conec	132C11029X	3	@
6	Backshell	Connector Backshell DB15 DIE CAST ZINC		Amphenol	Digi-Key	17E-1657-15-ND	2	@
7	Heat Shrink	Heat Shrink Insulation	Lab Supplies				1	@

- Yellow 16/3 13A McMaster-Carr 8046K12 Cable
- Conec 303W3CPXX99A10X Connector
- Conec 303W3CSXX99A10X Connector
- Conec 131C11029X Male Contacts
- Conec 132C11029X Female Contacts
- Digi-Key 17E-1657-15-ND Backshells





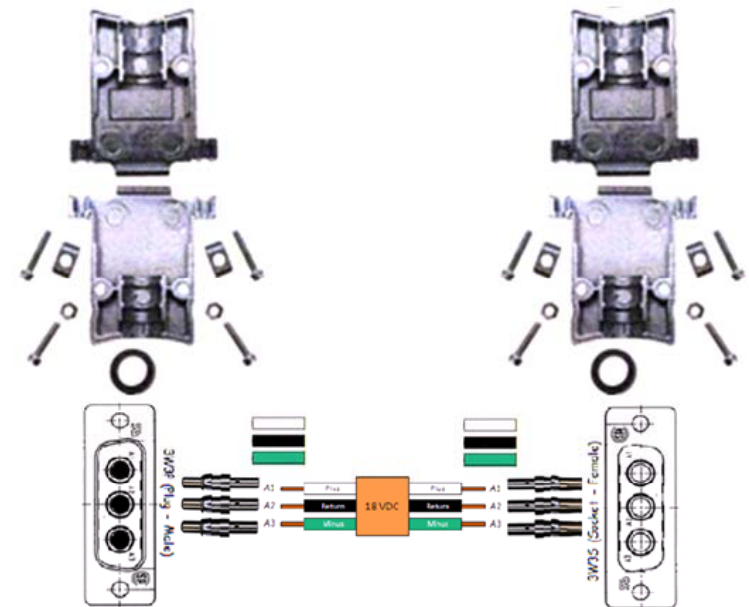
D1002209 Option 03 - DC Extension Cord - BOM

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

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

Deemed not needed

- Orange 12/3 25A McMaster-Carr 7394K13 Cable
- Conec 3003W3PXX99A10X Connector
- Conec 3003W3SXX99A10X Connector
- Conec 131C11029X Male Contacts
- Conec 132C11029X Female Contacts
- Digi-Key 17E-1657-15-ND Backshells





D1002209 Option 04 - DC Extension Cord - BOM

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

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

Deemed not needed

- Yellow 12/3 25A McMaster-Carr 8046K16 Cable
- Conec 303W3CPXX99A10X Connector
- Conec 303W3CSXX99A10X Connector
- Conec 131C11029X Male Contacts
- Conec 132C11029X Female Contacts
- Digi-Key 17E-1657-15-ND Backshells

