

VoltServer® Digital Electricity®

Gen2E Class 2 LPS Compatible Cable Table



SUMMARY

This document provides guidance for Digital Electricity compatible cables for VoltServer's Gen3 Fault Managed Power (FMPS) Class 4 deployments, based on the compatibility, ratings, and specifications of different cable types. The document explains how to use the VoltServer CL4 Cable Table, which lists the manufacturers, part numbers, pair counts, and minimum wire gauges for various deployment environments. **For Gen3 Class 4 FMPS, refer to the VoltServer Gen3 Class 4 FMPS cable table.**

PURPOSE

- ◊ The purpose of this document is to provide Designers, Integrators, Project Managers, and Installers with an easy reference for cabling solutions for VoltServer Remote Powering deployments.
- ◊ Cable ratings, color coding, and construction are extracted from the cable manufacturers datasheets.
- ◊ If a required cable type is not in this Cable Table (i.e. ratings, pair count, etc.) please contact VoltServer Support, especially in discussions with cable manufacturers and suppliers to ensure suitability of proposed product(s).

HOW TO USE THE VOLTSERVER CABLE TABLE

- ◊ **Refer to deployment Venue Package to determine the minimum gauge and pair count required to each location. Contact your project manager or system designer to obtain the Venue Package .**
- ◊ Determine the rating required for each cable run. i.e. Plenum, Riser, Outdoor, mixed, etc.
- ◊ Refer to the appropriate page in this document for deployment rating.
- ◊ Lookup the required pairs for the remote location(s).
- ◊ Lookup the minimum conductor gauge (AWG) for the remote as stated in the Venue Package.
- ◊ Look up the Part Numbers for the desired manufacturer.

BEST PRACTICES

- ◊ The deployment environment must be considered to ensure a suitably rated cable type is ordered. i.e. DO NOT use Plenum or Riser rated cable outdoors.
- ◊ VoltServer recommends that additional conductor pairs be included in the initial builds to provide for future growth (Dark Copper).
- ◊ If required, to help standardize on a single cable type for a deployment where the Design Document or Venue Package indicates a number of different minimum gauges, the next larger gauge can be used. i.e. Increase 16AWG runs to 14 AWG runs to standardize on 14AWG.
- ◊ DO NOT reduce gauge from required minimum gauge i.e. from 16AWG to 18AWG - this will invalidate the VoltServer Design, may NOT be covered by warranty, and could violate local or national electrical code.
- ◊ If a cable run transitions from one rating area to another, i.e. from Plenum to Outdoor, a splice will be necessary adjacent to the transition.
- ◊ Refer to the *DE Best Practices Guide* for required methods and practices for intermediate splices.

NOTES

- ◊ Lowercase letters within a part number denotes that these parameters do not affect DE compatibility (i.e. fiber count, jacket color, etc.)

CABLE RATING LEGEND

Cable Rating Legend
CL4 = General Purpose Cable, Class 4, 450 V, Certified to UL 1400-2, May be used outdoors and/or direct burial.

CL3 = General Purpose Cable, Class 3, 300 V

CL4P, CMP, CL3P = All in-wall plenum & riser applications.

CL4R, CMR, CL3R = All in-wall and riser applications, not permitted in plenum spaces.

CM, CMG = In-wall rated; permitted in 1-2 family residential riser applications, or in riser with raceway/fireproof shaft, not permitted in plenum spaces.

CL4Z = Cables designated that are intended for outdoor use only and are not to be attached to, or used within a building structure. Permitted to also be designated "CL4P", "CL4R" or "CL4".

WET = Continuous wet locations, in conduit or ducts.

DB or DIR BUR = Direct burial cable, designed to be able to be buried directly beneath the ground without any added protection, piping, or sheathing.

VoltServer® Digital Electricity®
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Indoor Plenum Cables

Required for Plenum Deployments. *Plenum rated (CMP, CL4P, and CL3P) cable may be used in risers. NOT for wet locations.*

Manufacturer	Belden	Belden	Remee	CommScope	Corning	Proterial	Southwire	Remee	Corning	Tessco	Windy City	GCG
Cable Family	FMPS Cables	FMPS Cables	PowerPipe™	Constellation®	ActiFi®	Power+		PowerPipe™	ActiFi®		Digital Electricity	Electrowire™
Features						Features						
Pair Construction	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Linear Lay	Twisted Pair	Twisted Pair	Twisted Pair	Linear Lay	Linear Lay	Twisted Pair	Twisted Pair
Compliance Standards	CL4P, CMP, LS-PVC	CL4P, CMP, LS-PVC	CL4P, CMP	CL4P, CMP	CL4P	CL4P, LS-PVC, Sun Resistant	CL3P, CMP, FPLP, LS-PVC	CMP	CL3P	CL3P, CMP, FPLP, LS-PVC	CMP, LS-PVC	CL3P, FPLP, FT6
Hybrid Fiber Available	Optional	Optional	No	Yes	Yes	Yes	No	No	Yes	No	No	No
Country of Origin	Mexico	Mexico	USA	USA	USA	USA	USA	USA	USA	USA	USA	USA
Shielded	No	Yes	No	No	No	No	No	No	No	No	No	No
Jacket Color	Green	Green	Natural/Green	Yellow	Yellow	Yellow	White	Natural/Green	Yellow	Black, White	White	White
AWG	Part Number (x denotes configuration/ordering options)											
18	1			DE1P18RRxxx					xxxyzb8-21V01M20			
	2	DEIP182U	DEIP182F	DE2P18RRxxx			P40031-1D	2P18RRxxx		589156		EWP182PRC
	3			DE3P18RRxxx				3P18RRxxx				EWP183PRC
	4	DEIP184U	DEIP184F	DE4P18RRxxx				4P18RRxxx	xxxZT8-41V01M20		184PPDIGIELEC	EWP184PRC
	6			DE6P18RRxxx				6P18RRxxx	xxxZT8-61V01M20			EWP186PRC
	8	DEIP188U	DEIP188F	DE8P18RRxxx				8P18RRxxx	xxxZT8-M1V01M20		188PPDIGIELEC	EWP188PRC
	12										1812PDIGIELEC	
	16											
16	1			DE1P16RRxxx		42564-4			xxxyZT8-21Y01M20			
	2	DEIP162U	DEIP162F	DE2P16RRxxx		42577-8		2P16RRxxx				EWP162PRC
	3			DE3P16RRxxx		42563-12		3P16RRxxx				EWP163PRC
	4	DEIP164U	DEIP164F	DE4P16RRxxx	P-016-HY-8G-F30YL/4X16AWG/CTX	42587-28	P50017-25	4P16RRxxx	xxxZT8-41Y01M20	564155	164PPDIGIELEC	EWP164PRC
	6			DE6P16RRxxx		xxxZT8-61N01N20		6P16RRxxx	xxxZT8-61Y01M20			EWP166PRC
	8	DEIP168U	DEIP168F	DE8P16RRxxx		xxxZT8-M1N01N20		8P16RRxxx	xxxZT8-M1Y01M20	545844	168PPDIGIELEC	EWP168PRC
	12											
	16											
Wire Color Codes						Wire Color Codes						
Pair #1	Black/Red	Black/Red	Black/Red	Red/White	Telcordia	Black/Red	Black/Red	Black/Red	Telcordia	Black/Red	Black/Red	Black/Red
Pair #2	Black/White	Black/White	Black/White	Black/White		Black/White	White/Green	Black/White		White/Green	Black/White	Black/White
Pair #3	Black/Green	Black/Green	Black/Green	Blue/White		Black/Green	Brown/Blue	Black/Green		Brown/Blue	Black/Green	Black/Green
Pair #4	Black/Blue	Black/Blue	Black/Blue	Brown/White		Black/Blue	Orange/Yellow	Black/Blue		Orange/Yellow	Black/Blue	Black/Blue
Pair #5	Black/Yellow	Black/Yellow	Black/Yellow			Black/Yellow	Purple/Gray	Black/Yellow		Purple/Gray	Black/Yellow	Black/Yellow
Pair #6	Black/Brown	Black/Brown	Black/Brown			Black/Brown	Pink/Tan	Black/Brown		Pink/Tan	Black/Brown	Black/Brown
Pair #7	Black/Orange	Black/Orange	Black/Orange			Black/Orange	White/Black	Black/Orange		White/Black	Black/Orange	Black/Orange
Pair #8	Red/White	Red/White	Red/White			Red/White	White/Green	Red/White		White/Green	Red/White	Red/White
Pair #9												
Pair #10												
Pair #11												
Pair #12												
Pair #13												
Pair #14												
Pair #15												
Pair #16												

VoltServer® Digital Electricity®
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Riser Cables

Riser rated cables (CL4R, CL3R, CMG, and CMR) are NOT permitted in plenum spaces. NOT rated for wet locations unless stated.

Manufacturer	Corning	Marmon	Marmon	Windy City	Remee	Corning					
Cable Family	ActiFi®	COM-Link®	COM-Link®	Digital Electricity	PowerPipe™	ActiFi®					
Features											
Pair Construction	Linear Lay	Twisted Pair	Twisted Pair	Twisted Pair		Linear Lay					
Compliance Standards	CL4R	CL4R, CMG, CMR, FT4 Wet Locations, Sun Resistant	CL4R, CMG, CMR, FT4 Wet Locations, Sun Resistant	CMR, Direct Burial	CMR, Direct Burial	CL3R					
Hybrid Fiber Available	Yes	No	No	No		Yes					
Country of Origin		USA	USA	USA							
Shielded	No	Yes	No	No		No					
Jacket Color	Yellow	Black	Black	Black		Yellow					
AWG	Pairs		Part Number (x denotes configuration/ordering options)								
18	1		C4C-R00U01-18-01SW	C4C-R00F01-18-01SW			xxxZTF-21V01M20				
	2		C4C-R00U01-18-02SW	C4C-R00F01-18-02SW		2P18PVCWBTxxx	xxxZTF-41V01M20				
	3		C4C-R00U01-18-03SW	C4C-R00F01-18-03SW			xxxZTF-61V01M20				
	4		C4C-R00U01-18-04SW	C4C-R00F01-18-04SW	184PDBDIGIELEC	4P18PVCWBTxxx					
	6	xxxZTF-61N01N20	C4C-R00U01-18-06SW	C4C-R00F01-18-06SW	188PDBDIGIELEC	6P18PVCWBTxxx	xxxZTF-M1V01M20				
	8	xxxZTF-M1N01N20	C4C-R00U01-18-08SW	C4C-R00F01-18-08SW		8P18PVCWBTxxx					
	12		C4C-R00U01-18-12SW	C4C-R00F01-18-12SW							
	16		C4C-R00U01-18-16SW	C4C-R00F01-18-16SW							
16	1		C4C-R00U01-16-01SW	C4C-R00F01-16-01SW			xxxZTF-21Y01M20				
	2		C4C-R00U01-16-02SW	C4C-R00F01-16-02SW		2P16PVCWBTxxx	xxxZTF-41Y01M20				
	3		C4C-R00U01-16-03SW	C4C-R00F01-16-03SW		3P16PVCWBTxxx	xxxZTF-61Y01M20				
	4		C4C-R00U01-16-04SW	C4C-R00F01-16-04SW	164PDBDIGIELEC	4P16PVCWBTxxx					
	6		C4C-R00U01-16-06SW	C4C-R00F01-16-06SW	168PDBDIGIELEC	6P16PVCWBTxxx	xxxZTF-M1Y01M20				
	8		C4C-R00U01-16-08SW	C4C-R00F01-16-08SW		8P16PVCWBTxxx					
	12		C4C-R00U01-16-12SW	C4C-R00F01-16-12SW							
	16		C4C-R00U01-16-16SW	C4C-R00F01-16-16SW							
Wire Color Codes											
Pair #1	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Telcordia				
Pair #2	Black/White	Black/White	Black/White	Black/White	Black/White	Black/White					
Pair #3	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green					
Pair #4	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue					
Pair #5	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow					
Pair #6	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown					
Pair #7	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange					
Pair #8	Red/White	Red/White	Red/White	Red/White	Red/White	Red/White					
Pair #9		Red/Green	Red/Green								
Pair #10		Red/Blue	Red/Blue								
Pair #11		Red/Yellow	Red/Yellow								
Pair #12		Red/Brown	Red/Brown								
Pair #13		Red/Orange	Red/Orange								
Pair #4		White/Green	White/Green								
Pair #15		White/Blue	White/Blue								
Pair #16		White/Yellow	White/Yellow								

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General Purpose Indoor/Outdoor Cables
 Not rated for continuous wet locations, in conduit/ducts, or direct burial unless stated.

Manufacturer	Southwire	Southwire	Belden	Belden	Marmon	Marmon	GCG			
Cable Family	CL4SS®	CL4SS®	FMPS Cables	FMPS Cables	COM-Link®	COM-Link®	Electrowire™			
Features	Features									
Pair Construction	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair			
Compliance Standards	CL4Z, CMG, LS-PVC, Wet Locations	CL4Z, CMG, LS-PVC, Wet Locations	CL4Z, CMG, Wet Locations, Sun Resistant	CL4Z, CMG, Wet Locations, Sun Resistant	CL4, FT4, Wet Locations, Sun Resistant	CL4, FT4, Wet Locations, Sun Resistant	CL3, FT4, PLTC, Wet Locations Sun Resistant			
Hybrid Fiber Available	No	No	Optional	Yes	No	No	No			
Country of Origin	USA	USA		USA	USA	USA	USA			
Shielded	No	Yes	No	No	No	Yes	No			
Jacket Color	Green/Black/White	Green/Black/White	Green	Natural/Green	Black	Black	White			
AWG	Part Number (x denotes configuration/ordering options)									
Pairs										
18	1	CL4Z181N060x	CL4Z181S060x			C4C-RFT40U01-18-1SR/W-0	C4C-RFT40F01-18-1SR/W-0	EWTX182PR		
	2	CL4Z182N060x	CL4Z182S060x	DEDN182U	DEDN182F	C4C-RFT40U01-18-2SR/W-0	C4C-RFT40F01-18-2SR/W-0	EWTX182PR		
	3	CL4Z183N060x	CL4Z183S060x			C4C-RFT40U01-18-3SR/W-0	C4C-RFT40F01-18-3SR/W-0	EWTX183PR		
	4	CL4Z184N060x	CL4Z184S060x	DEDN184U	DEDN184F	C4C-RFT40U01-18-4SR/W-0	C4C-RFT40F01-18-4SR/W-0	EWTX184PR		
	6	CL4Z186N060x	CL4Z186S060x			C4C-RFT40U01-18-6SR/W-0	C4C-RFT40F01-18-6SR/W-0			
	8	CL4Z188N060x	CL4Z188S060x	DEDN188U	DEDN188F	C4C-RFT40U01-18-8SR/W-0	C4C-RFT40F01-18-8SR/W-0	EWTX188PR		
	12									
	16									
16	1	CL4Z161N060x	CL4Z161S060x			C4C-RFT40U01-16-1SR/W-0	C4C-RFT40F01-16-1SR/W-0			
	2	CL4Z162N060x	CL4Z162S060x	DEDN162U	DEDN162F	C4C-RFT40U01-16-2SR/W-0	C4C-RFT40F01-16-2SR/W-0	EWTX162PR		
	3	CL4Z163N060x	CL4Z163S060x			C4C-RFT40U01-16-3SR/W-0	C4C-RFT40F01-16-3SR/W-0	EWTX163PR		
	4	CL4Z164N060x	CL4Z164S060x	DEDN164U	DEDN164F	C4C-RFT40U01-16-4SR/W-0	C4C-RFT40F01-16-4SR/W-0	EWTX164PR		
	6	CL4Z166N060x	CL4Z166S060x			C4C-RFT40U01-16-6SR/W-0	C4C-RFT40F01-16-6SR/W-0	EWTX166PR		
	8	CL4Z168N060x	CL4Z168S060x	DEDN168U	DEDN168F	C4C-RFT40U01-16-8SR/W-0	C4C-RFT40F01-16-8SR/W-0	EWTX168PR		
	12									
	16									
Wire Color Codes										
Pair #1	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red		
Pair #2	Black/White	Black/White	Black/White	Black/White	Black/White	Black/White	Black/White	Black/White		
Pair #3	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green		
Pair #4	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue		
Pair #5	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow		
Pair #6	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown		
Pair #7	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange		
Pair #8	Black/White	Black/White	Black/White	Black/White	Red/White	Red/White	Red/White	Red/White		
Pair #9										
Pair #10										
Pair #11										
Pair #12										
Pair #13										
Pair #4										
Pair #15										
Pair #16										

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Wet Location Cables
 Rated for wet locations and outdoor ducts. Not direct burial unless stated.

Manufacturer	Southwire	Southwire	Belden	Belden	Marmon	Marmon	GCG				
Cable Family	CL4SS®	CL4SS®	FMPS Cables	FMPS Cables	COM-Link®	COM-Link®	Electrowire™				
Features											
Pair Construction	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair				
Compliance Standards	CL4Z, CMG, LS-PVC, Wet Locations	CL4Z, CMG, LS-PVC, Wet Locations	CL4Z, CMG, Wet Locations, Sun Resistant	CL4Z, CMG, Wet Locations, Sun Resistant	CL4Z, FT4, Wet Location, Sun Resistant	CL4Z, FT4, Wet Location, Sun Resistant	CL3, FT4, PLTC, Wet Locations Sun Resistant				
Hybrid Fiber Available	No	No	Optional	Optional	No	No	No				
Country of Origin	USA	USA	Mexico	Mexico	USA	USA	USA				
Shielded	No	Yes	No	Shielded	No	Yes	No				
Jacket Color	Green/Black/White	Green/Black/White	Black	Black	Black	Black	Black				
Part Number (x denotes configuration/ordering options)											
AWG	Pairs										
18	1	CL4Z181N060x	CL4Z181S060x			C4C-RFT40U01-18-1SR/W-0	C4C-RFT40F01-18-1SR/W-0				
	2	CL4Z182N060x	CL4Z182S060x	DEDN182U	DEDN182F	C4C-RFT40U01-18-2SR/W-0	C4C-RFT40F01-18-2SR/W-0	EWTX182PR			
	3	CL4Z183N060x	CL4Z183S060x			C4C-RFT40U01-18-3SR/W-0	C4C-RFT40F01-18-3SR/W-0				
	4	CL4Z184N060x	CL4Z184S060x	DEDN184U	DEDN184F	C4C-RFT40U01-18-4SR/W-0	C4C-RFT40F01-18-4SR/W-0	EWTX184PR			
	6	CL4Z186N060x	CL4Z186S060x			C4C-RFT40U01-18-6SR/W-0	C4C-RFT40F01-18-6SR/W-0				
	8	CL4Z188N060x	CL4Z188S060x	DEDN188U	DEDN188F	C4C-RFT40U01-18-8SR/W-0	C4C-RFT40F01-18-8SR/W-0	EWTX188PR			
	12										
	16										
16	1	CL4Z161N060x	CL4Z161S060x			C4C-RFT40U01-16-1SR/W-0	C4C-RFT40F01-16-1SR/W-0				
	2	CL4Z162N060x	CL4Z162S060x	DEDN162U	DEDN162F	C4C-RFT40U01-16-2SR/W-0	C4C-RFT40F01-16-2SR/W-0	EWTX162PR			
	3	CL4Z163N060x	CL4Z163S060x			C4C-RFT40U01-16-3SR/W-0	C4C-RFT40F01-16-3SR/W-0	EWTX163PR			
	4	CL4Z164N060x	CL4Z164S060x	DEDN164U	DEDN164F	C4C-RFT40U01-16-4SR/W-0	C4C-RFT40F01-16-4SR/W-0	EWTX164PR			
	6	CL4Z166N060x	CL4Z166S060x			C4C-RFT40U01-16-6SR/W-0	C4C-RFT40F01-16-6SR/W-0	EWTX166PR			
	8	CL4Z168N060x	CL4Z168S060x	DEDN168U	DEDN168F	C4C-RFT40U01-16-8SR/W-0	C4C-RFT40F01-16-8SR/W-0	EWTX168PR			
	12										
	16										
Wire Color Codes											
Pair #1	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red			
Pair #2	Black/White	Black/White	Black/White	Black/White	Black/White	Black/White	Black/White	Black/White			
Pair #3	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green			
Pair #4	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue			
Pair #5	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow			
Pair #6	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown			
Pair #7	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange			
Pair #8	Black/White	Black/White	Black/White	Black/White	Red/White	Red/White	Red/White	Red/White			
Pair #9											
Pair #10											
Pair #11											
Pair #12											
Pair #13											
Pair #4											
Pair #15											
Pair #16											

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 Direct Burial Cables													
Manufacturer	Remee	Remee	EUPEN	Proterial	Boldyn	Windy City							
Cable Family	PowerPipe™	PowerPipe™				Digital Electricity							
Features							Features						
Pair Construction	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair	Twisted Pair							
Compliance Standards	CL4Z, Direct Burial, Sun Resistant	CL4Z, Direct Burial, Sun Resistant	CL4, Wet Locations Direct Burial, Sun Resistant	CL4, Wet Locations Direct Burial, Sun Resistant	CL4, Wet Locations Direct Burial, Sun Resistant	CL4, Wet Locations Direct Burial, Sun Resistant	CMR, Direct Burial						
Hybrid Fiber Available	Yes	Yes	No	No	No	No							
Country of Origin	USA	USA				USA							
Shielded	Shielded	No	No	No	No	No							
Jacket Color	Black	Black	Black	Black	Black	Black							
AWG	Pairs	Part Number (x denotes configuration/ordering options)											
18	1	DE1P18ISOSPxxx	DE1P18OSPxxx										
	2	DE2P18ISOSPxxx	DE2P18OSPxxx										
	3	DE3P18ISOSPxxx	DE3P18OSPxxx										
	4	DE4P18ISOSPxxx	DE4P18OSPxxx				184PDBDIGIELEC						
	6	DE6P18ISOSPxxx	DE6P18OSPxxx				188PDBDIGIELEC						
	8	DE8P18ISOSPxxx	DE8P18OSPxxx										
	12												
16	1	DE1P16ISOSPxxx	DE1P16OSPxxx										
	2	DE2P16ISOSPxxx	DE2P16OSPxxx										
	3	DE3P16ISOSPxxx	DE3P16OSPxxx										
	4	DE4P16ISOSPxxx	DE4P16OSPxxx				164PDBDIGIELEC						
	6	DE6P16ISOSPxxx	DE6P16OSPxxx				168PDBDIGIELEC						
	8	DE8P16ISOSPxxx	DE8P16OSPxxx	HP16X16-CL4-B	WPN01613783	BN16X16-CL4-B							
	12												
	16												
Wire Color Codes							Wire Color Codes						
Pair #1	Black/Red	Black/Red	Black/Red	Black/Red	Black/Red	White/Blue							
Pair #2	Black/White	Black/White	Black/White	Black/White	Black/White	White/Orange							
Pair #3	Black/Green	Black/Green	Black/Green	Black/Green	Black/Green	White/Green							
Pair #4	Black/Blue	Black/Blue	Black/Blue	Black/Blue	Black/Blue	White/Brown							
Pair #5	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	Black/Yellow	White/Gray							
Pair #6	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Black/Brown	Red/Blue							
Pair #7	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Black/Orange	Red/Orange							
Pair #8	Red/White	Red/White	Red/White	Red/White	Red/White	Red/Green							
Pair #9													
Pair #10													
Pair #11													
Pair #12													
Pair #13													
Pair #4													
Pair #15													
Pair #16													

VoltServer® Digital Electricity®
Gen2E Class 2 LPS Compatible Cable Table

Cable Manufacturer Website	How to buy/contact	Product info
Belden	Belden - Find-A-Distributor	Belden FMPS Cables
CommScope	CommScope - How to Buy	CommScope - Constellation Plenum Hybrid Class 4 Cable
Corning	Corning Authorized Distributors	Corning - Actifi
EUPEN	EUPEN - Contact Us	
Genuine Cable Group (GCG) (aka Electrowire)	Shop GCG	GCG - Line Power Cable
Marmon	Marmon - Contact Us	Marmon - COM-link cables
Proterial	Proterial - Sales Offices	Proterial - Cable Systems
Remee	Remee - Request for Information	Remee - Activate Powered Cable Solutions
Southwire	Southwire - Where-to-Buy	Southwire CL4SS™ Class 4 Non-Shielded Gen. Purpose Outdoor
Southwire	Southwire - Where-to-Buy	Southwire CL4SS™ Class 4 Shielded Outdoor / General Purpose
Tessco	Tessco - Support	
Windy City	Windy City - Contact Us	WCW - Digital Electricity Cables