

Composite Cable Ordering List

NOTES: Only available in single-mode, Ultra, LBL, and ZBL fiber. Multimode fiber is *not* qualified.
Reel-in-a-box packaging available in some cases. Contact Corning for ordering options.

→ Selection Parameters →						← Output Information →								
Voltage Rating	Cable Type/ App	Conductor Count (# Cond.)	Conductor Size (AWG)	Fiber Count (ea)	Construction TB, LT	Part Number	Diameter (mm/in)	Weight (lb/1kft)	Minimum Bend Radius		MOQ (ft)	Maximum Production Length (ft)		
									Installing (in)	Installed (in)				
300 VAC	Indoor Plenum (CL3P)	2	20	1 F	TB	XXXZ48-21Z31M29	4.8 / 0.19	21.64	2.85	1.90	1182.00	9842.00		
				2 F			5.2 / 0.20	23.45	3.00	2.00	1182.00	9842.00		
				4 F			5.3 / 0.21	25.27	3.15	2.10	1182.00	9842.00		
				6 F			6.3 / 0.25	29.70	3.75	2.50	1182.00	9842.00		
		4	20	2 F		XXXZ48-41Z31M29	5.6 / 0.22	32.93	3.30	2.20	1182.00	9842.00		
				4 F			6.4 / 0.25	37.97	3.75	2.50	1182.00	9842.00		
				6 F			7.0 / 0.28	39.91	4.20	2.80	1182.00	9842.00		
		2	18	1 F		XXXZ48-21V31M29	5.2 / 0.20	26.61	3.00	2.00	1182.00	9842.00		
				2 F			5.6 / 0.22	28.49	3.30	2.00	1182.00	9842.00		
				4 F			6.0 / 0.24	31.11	3.60	2.40	1182.00	9842.00		
				6 F			6.7 / 0.26	34.67	3.90	2.60	1182.00	9842.00		
		4	18	2 F			XXXZ48-41V31M29	6.3 / 0.25	42.67	3.75	2.50	1182.00	9842.00	
				4 F				7.1 / 0.28	46.50	4.20	2.80	1182.00	9842.00	
				6 F				7.7 / 0.30	49.59	4.50	3.00	1182.00	9842.00	
		2	16	1 F			XXXZ68-21Y31M29	6.6 / 0.26	30.78	3.90	2.60	1182.00	4839.00	
				2 F		6.9 / 0.27		41.73	4.05	2.70	1182.00	4839.00		
		LT	20	2	2/4/6/8/12 F	XXXZT8-21Z01M20	5.8 / 0.23	26.66	3.45	2.30	1182.00	9842.00		
					2/4/6/8/12 F		6.4 / 0.25	36.69	3.75	2.50	1182.00	9842.00		
					2/4/6/8/12 F		7.0 / 0.28	45.65	4.20	2.80	1182.00	9842.00		
					6/12/24 F		9.3 / 0.37	90.29	5.55	3.70	1182.00	9842.00		
			18	2	2/4/6/8/12 F	XXXZT8-21V01M20	6.2 / 0.24	27.54	3.60	2.40	1182.00	9842.00		
					4/6/8/12 F		XXXZT8-41V01M20	6.9 / 0.27	45.07	4.05	2.70	1182.00	9842.00	
					24 F			7.4 / 0.29	47.27	4.35	2.90	1182.00	9842.00	
					2/4/6/8/12 F		XXXZT8-61V01M20	7.3 / 0.28	58.01	4.20	2.80	1182.00	9842.00	
			24 F	8.7 / 0.34	70.03	5.10		3.40	1182.00	9842.00				
			16	2	6/12/24 F	XXXZT8-M1V01M20	10.0 / 0.39	113.93	5.85	3.90	1182.00	9842.00		
					2/4/6/8/12 F		XXXZT8-21Y01M20	6.6 / 0.26	34.74	3.90	2.60	1182.00	4839.00	
					4/6/8/12 F			XXXZT8-41Y01M20	7.3 / 0.29	59.09	4.35	2.90	1182.00	4839.00
					24 F				7.8 / 0.31	60.56	4.65	3.10	1182.00	4839.00
			16	4	2/4/6/8/12 F	XXXZT8-61Y01M20		7.6 / 0.30	78.38	4.50	3.00	1182.00	4839.00	
					24 F		9.0 / 0.35	90.70	5.25	3.50	1182.00	4839.00		
					6/12/24 F		XXXZT8-M1Y01M20	11.2 / 0.44	157.53	6.60	4.40	1182.00	4839.00	
6/12/24 F	11.2 / 0.44	157.53			6.60			4.40	1182.00	4839.00				

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→ Selection Parameters →						← Output Information →											
Voltage Rating	Cable Type/ App	Conductor Count (# Cond.)	Conductor Size (AWG)	Fiber Count (ea)	Construction TB, LT	Part Number	Diameter (mm/in)	Weight (lb/1kft)	Minimum Bend Radius		MOQ (ft)	Maximum Production Length (ft)					
									Installing (in)	Installed (in)							
300 VAC	Indoor Plenum (CL3P)	2	14	4/6/8/12 F	LT	XXXZD8-21X01M20	8.3 / 0.33	58.47	4.95	3.30	1182.00	2411.00					
				24 F			9.1 / 0.36	67.38	5.40	3.60	1182.00	2411.00					
		4		2/4/6/8/12 F		XXXZD8-41X01M20	9.5 / 0.38	93.47	5.70	3.80	1182.00	2411.00					
				24 F			10.5 / 0.41	101.87	6.15	4.10	1182.00	2411.00					
		6		2/4/6/8/12 F		XXXZD8-61X01M20	11.2 / 0.44	142.35	6.60	4.40	1182.00	2411.00					
				24 F			12.5 / 0.49	154.24	7.35	4.90	1182.00	2411.00					
		12		6/12/24 F		XXXZD8-M1X01M20	14.0 / 0.55	254.04	8.25	5.50	1182.00	2411.00					
		FREEDM® Riser: Indoor/ Outdoor (CL3R)		2		20	12	2/4/6/8/12 F	LT	XXXZD8-21W01M20	10.3 / 0.41	100.95	6.15	4.10	1182.00	2033.00	
								24 F			11.5 / 0.45	112.56	6.75	4.50	1182.00	2033.00	
				4				2/4/6/8/12 F		XXXZD8-41W01M20	11.0 / 0.43	152.27	6.45	4.30	1182.00	2033.00	
								24 F			12.0 / 0.47	163.01	7.05	4.70	1182.00	2033.00	
				6				2/4/6/8/12 F		XXXZD8-61W01M20	12.0 / 0.47	205.35	7.05	4.70	1182.00	2033.00	
	24 F		13.0 / 0.51		216.14			7.65			5.10	1182.00	2033.00				
	12		6/12/24 F	XXXZD8-M1W01M20	16.0 / 0.63			375.14		9.45	6.30	1182.00	2033.00				
	FREEDM® Riser: Indoor/ Outdoor (CL3R)		2	18	16			2/4/6/8/12 F		LT	XXXZTF-21Z01M20	5.3 / 0.21	22.22	3.15	2.10	1182.00	9842.00
								24 F				6.0 / 0.24	34.83	3.60	2.40	1182.00	9842.00
			4					2/4/6/8/12 F			XXXZTF-41Z01M20	6.9 / 0.27	45.91	4.05	2.70	1182.00	9842.00
								24 F				9.0 / 0.35	82.66	5.25	3.50	1182.00	9842.00
			6					2/4/6/8/12 F			XXXZTF-61Z01M20	6.3 / 0.25	29.90	3.75	2.50	1182.00	9842.00
		24 F				7.10 / 0.28	46.13	4.20	2.80			1182.00	9842.00				
		12	2/4/6/8/12 F			XXXZTF-41V01M20	8.2 / 0.32	66.83	4.80		3.20	1182.00	9842.00				
			24 F				10.0 / 0.39	110.12	5.85		3.90	1182.00	9842.00				
		FREEDM® Riser: Indoor/ Outdoor (CL3R)	2			14	12	2/4/6/8/12 F	LT		XXXZTF-61V01M20	7.0 / 0.28	39.63	4.20	2.80	1182.00	4839.00
								24 F				7.5 / 0.30	42.97	4.50	3.00	1182.00	4839.00
			4					2/4/6/8/12 F			XXXZTF-21Y01M20	7.7 / 0.30	60.77	4.50	3.00	1182.00	4839.00
								24 F				8.7 / 0.34	89.99	5.10	3.40	1182.00	4839.00
	6		2/4/6/8/12 F	XXXZTF-41Y01M20	8.7 / 0.34			89.99		5.10	3.40	1182.00	4839.00				
			24 F		11.2 / 0.44			152.83		6.60	4.40	1182.00	4839.00				
	12		6/12/24 F	XXXZTF-61Y01M20	11.2 / 0.44			152.83		6.60	4.40	1182.00	4839.00				
			24 F		8.0 / 0.31			58.13		4.65	3.10	1182.00	2411.00				
	FREEDM® Riser: Indoor/ Outdoor (CL3R)		2	12	12			2/4/6/8/12 F		LT	XXXZDF-21X01M20	8.6 / 0.34	65.92	5.10	3.40	1182.00	2411.00
								24 F				9.9 / 0.39	95.15	5.85	3.90	1182.00	2411.00
			4					4/6/8/12 F			XXXZDF-41X01M20	10.7 / 0.42	102.95	6.30	4.20	1182.00	2411.00
								24 F				11.3 / 0.44	147.74	6.60	4.40	1182.00	2411.00
		6	4/6/8/12 F			XXXZDF-61X01M20	11.3 / 0.44	147.74	6.60		4.40	1182.00	2411.00				
			24 F				14.2 / 0.56	247.15	8.40		5.60	1182.00	2411.00				
		12	6/12/24 F			XXXZDF-M1X01M20	14.2 / 0.56	247.15	8.40		5.60	1182.00	2411.00				
			24 F				9.0 / 0.35	83.79	5.25		3.50	1182.00	2033.00				
		FREEDM® Riser: Indoor/ Outdoor (CL3R)	2			12	12	2/4 F	LT		XXXZDF-21W01M20	9.0 / 0.35	89.57	5.25	3.50	1182.00	2033.00
								6/12 F				9.0 / 0.35	89.57	5.25	3.50	1182.00	2033.00
4			2/4/6/8/12 F					XXXZDF-21W01M20			10.9 / 0.43	137.28	6.45	4.30	1182.00	2033.00	
			24 F								12.5 / 0.49	164.16	7.35	4.90	1182.00	2033.00	
6	4/6/8 F		XXXZDF-41W01M20	12.5 / 0.49	164.16			7.35		4.90	1182.00	2033.00					
	12 F			13.3 / 0.52	156.03			7.80		5.20	1182.00	2033.00					
12	6/12 F		XXXZDF-61W01M20	13.3 / 0.52	161.63			7.80		5.20	1182.00	2033.00					
	24 F			14.8 / 0.58	186.66			8.70		5.80	1182.00	2033.00					
12	6/12 F		XXXZDF-M1W01M20	17.9 / 0.70	356.08			10.50		7.00	1182.00	2033.00					
	24 F			17.9 / 0.70	367.03			10.50		7.00	1182.00	2033.00					

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Voltage Rating	Cable Type/ App	Conductor Count (# Cond.)	Conductor Size (AWG)	Fiber Count (ea)	Construction TB, LT	Part Number	Diameter (mm/in)	Weight (lb/1kft)	Minimum Bend Radius		MOQ (ft)	Maximum Production Length (ft)		
									Installing (in)	Installed (in)				
300 VAC	Armor Indoor Plenum (CL3P)	2	20	1 F	TB	XXXZ48-21Z31MA3	11.3 / 0.44	65.92	6.60	4.40	1182.00	9842.00		
				2 F			11.3 / 0.44	66.93	6.60	4.40	1182.00	9842.00		
				4 F			11.3 / 0.44	68.14	6.60	4.40	1182.00	9842.00		
				6 F			11.3 / 0.44	71.09	6.60	4.40	1182.00	9842.00		
		4	20	2 F		XXXZ48-41Z31MA3	11.3 / 0.44	73.51	6.60	4.40	1182.00	9842.00		
				4 F			11.3 / 0.44	76.87	6.90	4.60	1182.00	9842.00		
				6 F			12.4 / 0.49	83.79	7.35	4.90	1182.00	9842.00		
		2	18	1 F		XXXZ48-21V31MA3	11.3 / 0.44	69.28	6.60	4.40	1182.00	9842.00		
				2 F			11.3 / 0.44	70.49	6.60	4.40	1182.00	9842.00		
				4 F			11.8 / 0.46	75.80	6.90	4.60	1182.00	9842.00		
				6 F			12.6 / 0.50	81.64	9.00	6.00	1182.00	9842.00		
		4	18	2 F		XXXZ48-41V31MA3	11.8 / 0.46	83.59	6.90	4.60	1182.00	9842.00		
				4 F			13.7 / 0.54	94.75	8.10	5.40	1182.00	9842.00		
				6 F			13.7 / 0.54	96.76	8.10	5.40	1182.00	9842.00		
		2	16	1 F		XXXZ68-21Y31MA3	11.3 / 0.44	72.10	6.90	4.60	1182.00	4839.00		
				2 F			12.4 / 0.49	85.00	6.90	4.60	1182.00	4839.00		
		2	20	2/4/6/8/12 F		XXXZT8-21Z01MA3	11.9 / 0.47	60.19	7.05	4.70	1182.00	9842.00		
		4		2/4/6/8/12 F			12.4 / 0.49	105.46	7.35	4.90	1182.00	9842.00		
		6		2/4/6/8/12 F			13.0 / 0.51	117.73	7.65	5.10	1182.00	9842.00		
		12		6/12/24 F			15.7 / 0.62	179.59	9.30	6.20	1182.00	9842.00		
		2	18	2/4/6/8/12 F		XXXZT8-21V01MA3	12.4 / 0.48	96.12	7.20	4.80	1182.00	9842.00		
		4		4/6/8/12 F			XXXZT8-41V01MA3	13.0 / 0.51	117.06	7.65	5.10	1182.00	9842.00	
				24 F				14.3 / 0.56	127.54	8.40	5.60	1182.00	9842.00	
		6		2/4/6/8/12 F			XXXZT8-61V01MA3	14.3 / 0.56	138.82	8.40	5.60	1182.00	9842.00	
		24 F	15.7 / .061	159.86		9.15		6.10	1182.00	9842.00				
		12	6/12/24 F	XXXZT8-M1V01MA3		22.9 / 0.90	229.05	13.50	9.00	1182.00	9842.00			
		2	16	2/4/6/8/12 F		XXXZT8-21Y01MA3	12.4 / 0.49	95.77	7.35	4.90	1182.00	4839.00		
				4			4/6/8/12 F	XXXZT8-41Y01MA3	13.2 / 0.52	135.69	7.80	5.20	1182.00	4839.00
							24 F		14.3 / 0.56	141.22	8.40	5.60	1182.00	4839.00
				6			2/4/6/8/12 F	XXXZT8-61Y01MA3	14.3 / 0.56	160.01	8.40	5.60	1182.00	4839.00
		24 F	15.7 / 0.62	120.60		9.30	6.20		1182.00	4839.00				
		12	6/12/24 F	XXXZT8-M1Y01MA3		17.2 / 0.68	257.68	10.20	6.80	1182.00	4839.00			
		2	14	4/6/8/12 F		XXXXD8-21X01MA3	14.3 / 0.56	138.33	8.40	5.60	1182.00	2411.00		
				24 F			15.7 / 0.62	156.15	9.30	6.20	1182.00	2411.00		
				4			2/4/6/8/12 F	XXXXD8-41X01MA3	15.7 / 0.62	182.67	9.30	6.20	1182.00	2411.00
							24 F		17.2 / 0.68	200.68	10.20	6.80	1182.00	2411.00
		6	2/4/6/8/12 F	XXXZD8-61X01MA3		17.2 / 0.68	241.18	10.20	6.80	1182.00	2411.00			
		24 F	19.4 / 0.76			178.47	11.40	7.60	1182.00	2411.00				
		12	6/12/24 F	XXXZD8-M1X01MA3		21.3 / 0.84	402.11	12.60	8.40	1182.00	2411.00			

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Voltage Rating	Cable Type/ App	Conductor Count (# Cond.)	Conductor Size (AWG)	Fiber Count (ea)	Construction TB, LT	Part Number	Diameter (mm/in)	Weight (lb/1kft)	Minimum Bend Radius		MOQ (ft)	Maximum Production Length (ft)
									Installing (in)	Installed (in)		
300 VAC	Armor FREEDM [®] Riser (CL3R)	2	12	2/4/6/8/12 F	LT	XXXZD8-21W01MA3	17.2 / 0.68	199.78	10.20	6.80	1182.00	2033.00
				24 F			17.9 / 0.70	216.20	10.50	7.00	1182.00	2033.00
		4	2/4/6/8/12 F	XXXZD8-41W01MA3		17.2 / 0.68	250.37	10.20	6.80	1182.00	2033.00	
			24 F			17.9 / 0.70	284.53	10.50	7.00	1182.00	2033.00	
		6	2/4/6/8/12 F	XXXZD8-61W01MA3		17.9 / 0.70	328.30	10.50	7.00	1182.00	2033.00	
			24 F			19.4 / 0.76	351.44	11.40	7.60	1182.00	2033.00	
		12	6/12/24 F	XXXZD8-M1W01MA3		24.1 / 0.95	543.89	14.25	9.50	1182.00	2033.00	
		2	20	2/4/6/8/12 F		XXXZTF-21Z01MA1	13.1 / 0.52	89.22	7.80	5.20	1182.00	9842.00
		4	2/4/6/8/12 F	XXXZTF-41Z01MA1		14.1 / 0.56	108.94	8.40	5.60	1182.00	9842.00	
		6	2/4/6/8/12 F	XXXZTF-61Z01MA1		16.0 / 0.63	129.53	9.45	6.30	1182.00	9842.00	
		12	6/12 F	XXXZTF-M1Z01MA1		15.7 / 0.62	165.82	9.30	6.20	1182.00	9842.00	
			24 F			15.7 / 0.62	165.15	9.30	6.20	1182.00	9842.00	
		2	18	2/4/6/8/12 F		XXXZTF-21V01MA1	12.4 / 0.48	93.10	7.20	4.80	1182.00	9842.00
		4	2/4/6/8/12 F	XXXZTF-41V01MA1		14.3 / 0.56	120.69	8.40	5.60	1182.00	9842.00	
		6	2/4/6/8/12 F	XXXZTF-61V01MA1		15.7 / 0.61	149.76	9.15	6.10	1182.00	9842.00	
		12	6/12/24 F	XXXZTF-M1V01MA1		17.2 / 0.67	202.03	10.05	6.70	1182.00	9842.00	
			2/4/6/8/12 F			XXXZTF-21Y01MA1	13.1 / 0.52	102.58	7.80	5.20	1182.00	4839.00
		24 F	13.1 / 0.52	107.77			7.80	5.20	1182.00	4839.00		
		4	16	2/4/6/8/12 F		XXXZTF-41Y01MA1	14.1 / 0.56	130.81	8.40	5.60	1182.00	4839.00
		6	2/4/6/8/12 F	XXXZTF-61Y01MA1		16.0 / 0.63	173.61	9.45	6.30	1182.00	4839.00	
		12	6/12 F	XXXZTF-M1Y01MA1		17.2 / 0.68	245.54	10.20	6.80	1182.00	4839.00	
			24 F			17.2 / 0.68	243.11	10.20	6.80	1182.00	4839.00	
		2	14	2/4/6/8/12 F		XXXZDF-21X01MA1	14.1 / 0.56	132.22	8.40	5.60	1182.00	2411.00
		24 F	16.0 / 0.63	144.33			9.45	6.30	1182.00	2411.00		
		4	4/6/8/12 F	XXXZDF-41X01MA1		16.6 / 0.65	180.11	9.80	6.54	1182.00	2411.00	
		24 F	17.4 / 0.68			191.95	10.20	6.80	1182.00	2411.00		
		6	4/6/8/12 F	XXXZDF-61X01MA1		17.2 / 0.68	239.64	10.20	6.80	1182.00	2411.00	
		12	6/12/24 F	XXXZDF-M1X01MA1		21.3 / 0.84	363.56	12.60	8.40	1182.00	2411.00	
		2	12	2/4 F		XXXZDF-21W01MA1	15.7 / 0.62	166.53	9.30	6.20	1182.00	2033.00
				6 F			15.7 / 0.62	171.41	9.30	6.20	1182.00	2033.00
				12 F			15.7 / 0.62	173.44	9.30	6.20	1182.00	2033.00
		4	2/4/6/8/12 F	XXXZDF-41W01MA1		17.2 / 0.68	229.22	10.20	6.80	1182.00	2033.00	
			24 F			17.9 / 0.70	260.22	10.50	7.00	1182.00	2033.00	
		6	4/6/8 F	XXXZDF-61W01MA1		21.3 / 0.84	272.46	12.60	8.40	1182.00	2033.00	
			12 F			21.3 / 0.84	278.05	12.60	8.40	1182.00	2033.00	
			24 F			22.9 / 0.90	312.65	13.50	9.00	1182.00	2033.00	
		12	6/12 F	XXXZDF-M1W01MA1		25.3 / 0.99	496.43	14.85	9.90	1182.00	2033.00	
			24 F			25.3 / 0.99	507.35	14.85	9.90	1182.00	2033.00	

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