

37-102VFD • Extra Flexible VFD Power Cable • Gexol® Insulated

Size AWG/ kcmil	mm ²	Unarmored			Armored & Sheathed (TS)			Grounding Conductor* Size (AWG)	NEC Ampacities		
		Part No. 37-102	Nominal Diameter Inches*	Weight Lbs./ 1000 Ft.	Part No. 37-102	Nominal Diameter Inches*	Weight Lbs./ 1000 Ft.		In Free Air	In Cable Tray	In Conduit
4	21	-312VFD	1.100	925	-312TSVFD	1.262	1138	12	114	95	89
2	34	-314VFD	1.235	1421	-314TSVFD	1.392	1512	10	152	130	119
1	43	-315VFD	1.340	1517	-315TSVFD	1.509	1851	10	177	150	137
1/0	54	-316VFD	1.450	1803	-316TSVFD	1.615	2136	10	205	170	163
2/0	70	-317VFD	1.580	2120	-317TSVFD	1.792	2660	10	201	188	173
3/0	86	-318VFD	1.750	2827	-318TSVFD	1.959	3269	8	237	195	186
4/0	109	-319VFD	1.900	3416	-319TSVFD	2.101	3864	8	316	260	253
262	132	-320VFD	2.050	4210	-320TSVFD	2.258	4661	6	362	297	286
313	159	-321VFD	2.130	5105	-321TSVFD	2.353	5325	6	404	328	324
373	189	-322VFD	2.275	5521	-322TSVFD	2.483	6674	6	449	364	357
444	227	-323VFD	2.425	6440	-323TSVFD	2.634	6994	6	497	402	396
535	273	-324VFD	2.643	7547	-324TSVFD	2.931	8477	6	556	446	441
646	326	-326VFD	2.920	8916	-326TSVFD	3.178	9888	4	617	496	489
777	394	-327VFD	3.102	10909	-327TSVFD	3.510	11803	4	688	546	537

- Cable diameters are subject to a +/- 5% manufacturing tolerance
 - Ampacity In Free Air: Based on 90°C conductor temperature and 30°C ambient temperature per 2008 NEC Table B.310.3
 - Ampacity In Cable Tray: Based on 90°C conductor temperature and 30°C ambient temperature per 2008 NEC Table 310.16
 - Ampacity In Conduit: Based on 90°C conductor temperature and 30°C ambient temperature per 2008 NEC Table B.310.1
 - IEEE ampacities are based on IEEE Std. 45 with a 45°C ambient and arranged in a single bank per hanger. For those instances where cable must be double banked, the ampacities should be multiplied by 0.8.
- *3 Grounding Conductors – Green Insulated

