



Conductor: Class B stranded, uncoated annealed copper conforming to ASTM B-3 and B-8.

Insulation: Each conductor is insulated with black Crosslinked Polyethylene (XLP) conforming to UL Standard 44 for Type RHH/RHW-2.

Color Coding: Each conductor is black and printed with its conductor number in accordance with ICEA Method 4.

Ground Wires: Three Class B stranded, un-coated annealed copper conforming to ASTM B-3 and B-8.

Cable Assembly: The three conductors and three ground wires are cabled with non-hygroscopic fillers.

Shield: A 5 mil un-coated copper tape is helically wrapped over the twisted assembly with a 50% (nominal) overlap. The shield shall be in contact with the ground wire.

Outer Jacket: A black, flame retardant Polyvinyl Chloride (PVC) jacket meeting the requirements of UL Standard 1277 is applied.

DWC Part #	AWG Size	# of Conductors	# of Strands	Ground Wire AWG	Insulation Thickness In Mils	Jacket Thickness In Mils	O.D. Inch	Weight Lbs/M	Ampacity 75 C	Ampacity 90 C
1403VFD	14	3	7	3 x #18	60	60	0.55	245	20	25
1203VFD	12	3	7	3 x #16	60	60	0.56	265	25	30
1003VFD	10	3	7	3 x #14	60	60	0.639	335	35	40
0803VFD	8	3	7	3 x #14	70	60	0.745	419	50	55
0603VFD	6	3	7	3 x #12	70	80	0.82	626	65	75
0403VFD	4	3	7	3 x #12	70	80	0.96	788	85	95
0203VFD	2	3	7	3 x #10	70	80	1.085	1166	115	130
1/003VFD	1/0	3	19	3 x #6	90	80	1.354	1824	150	170
2/003VFD	2/0	3	19	3 x #6	90	80	1.445	2592	175	195
3/003VFD	3/0	3	19	3 x #5	90	80	1.555	2631	200	225
4/003VFD	4/0	3	19	3 x #4	90	110	1.749	3249	230	260
25003VFD	250	3	37	3 x #2	105	110	1.91	3730	255	290
35003VFD	350	3	37	3 x #2	105	110	2.13	4999	310	350
50003VFD	500	3	37	3 x #1	105	110	2.45	6720	380	430

Product details and specifications are subject to manufacturing variations and accepted industry tolerances. Please contact your DWC Account Manager with questions, or to confirm any specific product requirements.

