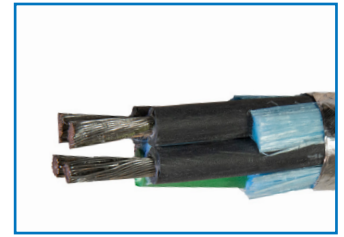
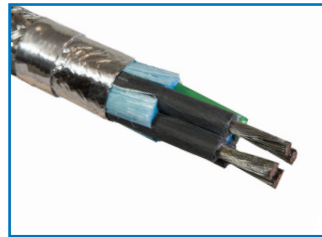


Small Diameter-High Performance, ULTC-600 Volt UL-1000 Volt Flexible Motor Supply, -40°C to 90°C Wet or Dry



Product Construction

Conductor:

- Stranded Tin copper

Insulation:

- XLPE (Cross-Linked Polyethylene)

Shield:

- Aluminum/Polyester/Aluminum plus overall copper braid 85%
- Dual spiral copper tapes (1AWG-4/0 AWG)

Drain Wire:

- Stranded Tinned Copper
- One symmetrical ground wire on 16,14,12 and 10 AWG 4-conductor cable
- Four symmetrical ground wires on 8, 6, 4, and 2 AWG 4-conductor cable

Jacket:

- Oil resistant PVC

Applications

- Multi-Axis control systems
- Automotive assembly equipment
- Factory equipment Interconnects
- Robotics
- Machine tools
- Stationary track/tray
- Conveyor Systems
- Control Panels

Standards

- UL Standard 1277, Type TC-ER, 90°C, 600 Volt
- CE-LVD: 73/68/EEC Amend.93/68/EEC
- UL Exposed Run (-ER)
- UL Sunlight Resistant
- UL 1581 Vertical Tray
- UL FT-4 Vertical Tray
- UL Direct Burial
- UL Type XHHW-2, RHW-2 (12-14 AW)
- UL Type 1000 Volt Flexible Motor Supply Cable
- CSA AWM/ I/IIA?B XHHW-2 RHW-2 Singles

Color Code Chart

Cond. #	Color
1	Black
2	Black
3	Black
4	Black

Variable Frequency Drive (VFD)



Part #	AWG	Conductors	Ground	Continuous Current Per Conductor @30°C	Nom. O.D.	Bend Radius
ALV16316	16	3	3 x 20	18	.471"	4.7"
ALV16016	16	4	1 x 16	12	.547"	4.3"
ALV16314	14	3	3 x 18	25	.538"	5.4"
ALV16114	14	4	14	20	.740"	5.9"
ALV16014	14	4	1 x 14	25	.584"	4.6"
ALV16312	12	3	3 x 16	30	.578"	5.8"
ALV16012	12	4	1 x 12	30	.633"	5.0"
ALV16310	10	3	3 x 14	40	.642"	6.4"
ALV16010	10	4	1 x 10	40	.746"	5.8"
ALV16308	8	3	3 x 14	55	.798"	8.0"
ALV16008	8	4	1 x 8	55	.920"	7.4"
ALV16108	8	3	8	55	1.030"	8.2"
ALV16306	6	4	3 x 12	75	.924"	9.2"
ALV16006	6	3	1 x 6	75	1.017"	8.1
ALV16304	4	4	3 x 12	95	1.050"	10.5
ALV16004	4	3	1 x 4	130	1.157"	9.3"
ALV16302	2	4	3 x 6	130	1.157"	11.6"
ALV16002	2	4	1 x 2	130	1.308"	10.5"
ALV16001	1	4	3 x 6	150	1.197"	12.0"
ALV16000	1/0	4	3 x 4	170	1.294"	12.9"
ALV16020	2/0	3	3 x 4	195	1.399"	14.0"
ALV16030	3/0	4	3 x 4	225	1.517"	15.2"
ALV16040	4/0	3	3 x 2	260	1.653"	16.5"

Note: The data shown is approximate and subject to standard industry and manufacturer tolerances.