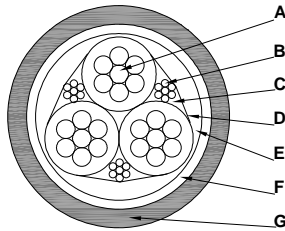


Prysmian Low Voltage AIRGUARD® 3/C VFD and 4/C, 600 Volt Power Cable



Components

- A: Class B stranded, soft drawn, bare copper circuit conductors insulated with heat and moisture resistant, thermosetting cross-linked polyethylene (XLPE).
- B: Class B stranded, bare, single or segmented ground wires.
- C: Flame resistant non-hygroscopic fillers (as necessary).
- D: 3-mil thick bare copper tape helically applied with a minimum overlap of 25% for VFD performance.
- E: Impact resistant extruded filler. Two ripcords placed under this layer (180° apart).
- F: Crush, impact and chemical resistant polymeric armor layer.
- G: Heat, moisture and sunlight resistant, thermoplastic jacket.

Print Legend

(0.999 in. or smaller OD)

PRYSMIAN PA AIRGUARD® "number & size of conductor AWG (mm²)" XHHW-2 90C WET OR DRY "number & size of ground AWG (mm²)" TYPE TC-ER-HL (-40C) 600V FT4 (UL) E60544 OIL RES I/II SUN RES DIR BUR "sequential footage print"

*(1.000 in. or larger OD)

PRYSMIAN PA AIRGUARD® "number & size of conductor AWG (mm²)" XHHW-2 90C WET OR DRY "number & size of ground AWG (mm²)" TYPE TC-ER (-40C) 600V FT4 (UL) E60544 OIL RES I/II SUN RES DIR BUR "sequential footage print"

Physical Characteristics

Conductor Color Code: (6 AWG & smaller) Appendix E, Method 1, Table E-2 of ICEA S-73-532 (NEMA WC 57)
(BLACK, RED, BLUE)


(4 AWG & larger) Appendix E, Method 3, Table E-2 of ICEA S-73-532 (NEMA WC 57)
(BLACK printed: 1-BLACK, 2-RED, 3-BLUE)

Jacket Color: Black

Specifications

ASTM B 3, ASTM B 8

ICEA S-95-658 (NEMA WC 70), UL 44, UL 1277, UL 2225, National Electrical Code (NEC), NFPA 70

R e v	DATE	CHANGE DETAIL				Draka Cableteq USA One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
0	09/24/14	New Issue					
1							
2							
3							
Approvals:		Engineering:	Prepared by: RLB	Final:	Project Name:	Prysmian Low Voltage Airguard®	
Draka Cableteq USA Inc. reserves the right to modify this information without prior notification and does not make a warranty or representation of any kind, whether implied or expressed with respect to the information contained herein. Draka Cableteq assumes no risks, and will not be liable for direct or indirect, special, incidental or consequential damages, any defect or personal injury resulting from the use of this document. EngDrawing-Rev01-April07					Part Number:	See Table	
					Quote Number:	NA	
					File Number:	AIRGUARD xlp VFD2	
					Page Number:	Page 1 of 2	

Ratings

UL XHHW-2 600V

UL Type TC-ER-HL 600V (per UL 2225, overall cable diameter must be 1.00 inch or less to be marked "-HL")

- Per Article 501 and Article 505 of the National Electrical Code

Class I, Zone 1 hazardous (classified) locations per Article 501 of the National Electrical Code, NFPA 70

IEEE 1202/FT4

-40C

Direct Burial

Sunlight Resistant

Oil Resistant

The insulation is acceptable for use in wet or dry locations at 90 °C.

The cable is suitable for use in cable trays, aerial or direct burial installations.

Number & Circuit Conductor Size (AWG)		Average Insulation Thickness (mils)	Number & Grounding Conductor Size (AWG)		Average Overall Jacket Thickness (mils)	Nominal Cable O.D. (in.)	Nominal Cable Weight (lbs/Mft)	Prysmian Part Number
size	strand		size	strand				
3/C #14 AWG	7	30	3 - #18	7	60	0.630	242	394003
4/C #14 AWG	7	30	1 - #14	7	60	0.670	270	394004
3/C #12 AWG	7	30	3 - #16	7	60	0.670	290	394005
4/C #12 AWG	7	30	1 - #12	7	60	0.710	328	394006
3/C #10 AWG	7	30	3 - #14	7	60	0.725	364	394007
4/C #10 AWG	7	30	1 - #10	7	60	0.775	418	394008
3/C #8 AWG	7	45	3 - #14	7	80	0.905	534	394009
3/C #6 AWG	7	45	3 - #12	7	80	0.990	685	394010
*3/C #4 AWG	7	45	3 - #12	7	80	1.095	886	394011
*3/C #2 AWG	7	45	3 - #10	7	80	1.225	1222	394012
*3/C #1/0 AWG	19	55	3 - #10	7	80	1.445	1702	394013
*3/C #2/0 AWG	19	55	3 - #10	7	80	1.540	2017	394014

Rev	DATE	CHANGE DETAIL				Draka Cableteq USA One Tamaqua Blvd Schuylkill Haven PA 17972 Phone: 570-385-4381 Fax: 570-385-1092	
0	09/24/14	New Issue					
1							
2							
3							
Approvals:		Engineering:	Prepared by: RLB	Final:	Project Name:	Prysmian Low Voltage Airguard®	
Draka Cableteq USA Inc. reserves the right to modify this information without prior notification and does not make a warranty or representation of any kind, whether implied or expressed with respect to the information contained herein. Draka Cableteq assumes no risks, and will not be liable for direct or indirect, special, incidental or consequential damages, any defect or personal injury resulting from the use of this document. EngDrawing-Rev01-April07					Part Number:	See Table	
					Quote Number:	NA	
					File Number:	AIRGUARD xlp VFD2	
					Page Number:	Page 2 of 2	