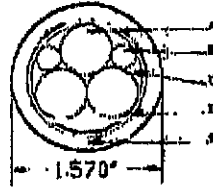


Attn: John Kohler x 1619

AUTOFLEX TCP Flexible Power Supply / Drop Cable, 600 Volt



Components

- A: (3) - #2/0 AWG Class K (1323/30 strand), soft drawn, bare copper circuit conductors w/ 50 mils (1.27 mm) of heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 7 mils (0.18 mm) of nylon applied directly to the surface of the insulation.
- B: (2) - #4 AWG Class K (413/30) strand, soft drawn, bare copper grounding conductor w/ 40 mils (1.02 mm) of heat and moisture resistant, polyvinyl chloride (PVC) insulation and jacketed w/ 8 mils (0.15 mm) of nylon applied directly to the surface of the insulation.
- C: Flame resistant non-hygroscopic fillers (as needed).
- D: Mylar binder tape.
- E: 60 mils (2.03 mm) of heat and moisture resistant, polyvinyl chloride (PVC) jacket.

Print Legend

DRAKA CABLETEQ USA - PA TAMAQUA CABLE AUTOFLEX TCP 3/C #2/0 AWG (87.4mm²) + 2/C #4 AWG (21.2mm²) GNDING COND THHN OR THWN 90C DRY OR 75C WET TYPE TC-ER 600V FT4 (UL) E60544 - c(UL) T80 NYLON 600V TC FT4 RoHS "sequential footage print"

Physical Characteristics

Cable Weight:	2107 lb/mft (3135 kg/km)
Copper Weight:	1538 lb/mft (2288 kg/km)
Nominal Cable OD:	1.570 in (39.8 mm)
Conductor Color Code:	Circuit: Black, White, Red Grounds: Green / Yellow
Jacket Color:	Black
Maximum Pulling Tension:	By conductor: 2128 lb (9470 N)
Maximum Pulling Tension:	By jacket grip: 1000 lb (4448 N)
Minimum Bending Radius:	Training: 7.9 in (20.1 cm)
Minimum Bending Radius:	Pulling: 11.8 in (30.2 cm)

REV	DATE	CHANGE DETAIL		Draka Cableteq USA, Inc. 22 Joseph E. Warner Blvd North Dighton MA 02784 Phone: 508-822-5444 Fax: 508-822-1844 One Tamaqua Blvd Schuylkill Haven PA 17872 Phone: 610-385-4381 Fax: 610-385-1092	
	0	10/30/08			New Issue
	1	11/10/08			Add Draka part number & RoHS
	2				
Approvals: Engineering: RLE: Final: DJW:			Project Name:	NA	
<small>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 liability, and will not be liable for direct or indirect, special or consequential damages, any defect or personal injury resulting from the use of this document.</small> EngDrawing-Rev01-Apr07			Part Number:	340594	
			Quote Number:	NA	
			File Number:	type to thhn-pvcAUTOFLEX340594	
			Page Number:	Page 1 of 2	

Electrical / Optical Characteristics

Voltage: 600V

Specifications


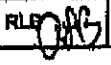

- ASTM B 3, ASTM B 172
- ICEA S-95-658 (NEMA WC 57)
- UL 83 for Type THHN/THWN wires
- UL 1277
- CSA C22.2 No. 75 for T90 Nylon

Rating

UL THHN/THWN 600V, CSA T90 NYLON
 UL Type TC 600V, FT4
 The insulation is acceptable for use in locations at 90 °C dry and 75 °C wet.
 The cable is suitable for use in cable trays or aerial installations.
 RoHS

Packaging

Bulk reels

R v	DATE	CHANGE DETAIL				Draka Cabletek USA, Inc. 22 Joseph E. Werner Blvd North Dighton MA 02764 Phone: 508-822-5444 Fax: 508-822-1944 One Tomioka Blvd Schuylkill Haven PA 17972 Phone: 610-385-4381 Fax: 610-385-1092	
	0	10/30/08	New Issue				
	1	11/10/08	Add Draka part number & RoHS				
	2						
3					Project Name:	NA	
Approvals:	Engineering:	RLF 	Final:	DJW 	Part Number:	340594	
Draka Cabletek 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 Cabletek assumes no liability, 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. Eng Drawing-Rev01-Apr107					Quote Number:	NA	
					File Number:	type to thhn-pvcAUTOFLEX340594	
					Page Number:	Page 2 of 2	

Form ENG 02C Rev 2

Actronix Inc.
Item Master File Document

Sheet 1 of 1

05-Dec-08

ACT Part #	Class Code and Title		U/M	Controlled
1018988	C2215	CABLE, MULTI-CONDUCTOR, UN-SHIELDED	FT	Y
Bid No.	ICC 4665	Bid Comp No.	3001343	
Description	Prepared By	LW	Date Prepared	11/6/2008
R,CABLE,5,BLK,PVC,M2,*,1277,1.570,AUTOFLEX TCP SPECIAL				

Customer Data
PHILIPS

Vendor Name	Part #	RoHS Compliant	Stock Compliant
DRAKA	340594	Y	Y

Engineering Notes

3 CONDUCTORS: 2/0 AWG (BLK, WHT, RED)
2 CONDUCTORS: 4 AWG (BOTH GRN/YEL)

Revision Data
LW

11/12/08

DRAKA 340594 WAS Q011211-2. UPDATED DESCRIPTION.
(ICC 4665)

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