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**ALPHA WIRE COMPANY**  
**CDC PRODUCT SPECIFICATION**

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Part Number: CDC11016  
Page 1 of 1 Pages

Issue: 0  
Issue Date: 11/18/2013

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<b>A. Construction</b>		<u>Diameters</u>
1) Component 1	3 X 1 COND	
a) Conductor	18 (7/26) AWG TC	
b) Insulation	0.010" Wall, Nom. PP	
(1) Color Code	Black, Red & White	
2) Cable Assembly	3 Components	
3) Shield:	AM Foil Tape, 25% Overlap, Min.	
a) Drain Wire	18 (7/26) AWG TC	
4) Jacket	0.030" Wall, Nom., LSZH	0.205
a) Color	SLATE	
5) Packaging	1000FT PUTUP	
<b>B. Industry Approvals</b>		
1) UL	CMG-LS	
2) CSA	c(UL) CMG-LS	
	FT4	
3) MIL	NONE	
4) CE Compliant	YES (LVD & RoHS2)	
5) ROHS Compliant	YES	
6) REACH Compliant	YES	
7) IEC 60332-1	YES	
<b>C. Physical &amp; Mechanical Properties</b>		
1) Temperature	75 C	
<b>D. Electrical Properties</b>		
1) Voltage Rating	300 V <sub>RMS</sub>	
<b>E. Other</b>		
1) Requested Quantity	5000Ft.	

**Application Notes**

Same as 5471L ex, 18awg, 3/C and black, red and white color

Exceptions to Customer Request:

1) Max. Temperature Rating is 75C not 90C.

2) This construction is outside the range of what has been tested to IEC 61034-2 and IEC 60754-1. Based on existing approvals to the UL -LS (Limited Smoke) test we would expect to meet the IEC requirements, but we will need to test samples from the initial production run to obtain the documentation for this.

3) A CE Declaration of Conformity will be supplied with the cable shipment for items 1 -- 7 under Industry Approvals listed above. A sample will be taken from the production lot and submitted to an independent testing laboratory for testing to IEC 60332-1, IEC 60754-1 and 60754-2. Upon receipt of the test data, a revised D of C will be issued.

CUSTOM PRODUCTS ARE NON-CANCELLABLE & NON-RETURNABLE EXCEPT FOR  
MANUFACTURING DEFECTS

# ITEM DATA SHEET

NON-GEOMETRIC SPECIFICATION / UNCONTROLLED

MANUFACTURER	ALPHA WIRE
MANUFACTURER PART #	CDC11016
WIRE SIZE	N/A
INSULATION	N/A
INSULATION COLOR	N/A
VOLTAGE	N/A
CONDUCTOR MATERIAL	N/A
OPERATING TEMPERATURE	N/A
LENGTH	N/A
DESCRIPTION	WIRE - 3 CONDUCTOR 3 CONDUCTOR W/SHIELD LOW SMOKE, ZERO HALOGEN ANALOG CABLE
CERTIFICATION / DOCUMENTATION	N/A
RRESI DRAWING #	RRE074156

## CERTIFICATIONS

### REQUIRED DOCUMENTS

ATTACHMENTS AND LINKS	3 cond analog cable LSZH.pdf Graybar Quotation - 219052364 ALPHA WIRE.pdf	ALPHA WIRE CDC11016 3 CONDUCTOR W/SHIELD LSZH ANALOG CABLE ; ;
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UNIT OF MEASURE	Metre
ITEM TYPE	Part - Manufacturing
MATERIAL GROUP	210330000
MATERIAL GROUP DESCRIPTION	Energy- CABLE / WIRE
SUBSYSTEM ACCOUNTABILITY	E-Control Systems
REFERENCE PART NUMBER, ID	
CHANGE ORDER NUMBER	64480.96

**NON-GEOMETRIC SPECIFICATION**  
ACCOMPANYING GEOMETRIC DRAWING  
MAY BE REQUIRED.



**Rolls-Royce**

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WIRE / 3 CONDUCTOR

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REVISION  
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DATE  
20-Nov-2013