



711 Lidgerwood Avenue
 Elizabeth, NJ 07207-0711 USA
 1-908-925-8000
 1-800-52 ALPHA
 www.alphawire.com

Date: 6/25/12 Contact Name: Julie Galloway
 Company: IEWC Contact Phone: _____
 Address: NEW BERLIN, WI Contact Fax: _____
 Contact E-Mail: jgallowa@iewc.com

Order Acknowledgement

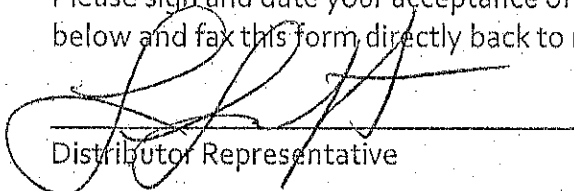
Thank you for your purchase of Alpha Wire products. Please be advised that in addition to the Alpha Wire standard terms and conditions, your order is subject to the following terms and conditions of sale.

- o Please be advised that the Made-To-Order product you have purchased is **non-cancelable and non-returnable**. Product will be manufactured with an overall quantity tolerance of plus/minus 10% and will be invoiced at the exact quantity manufactured within this tolerance.
- o Due to the volume/value of the order received, please be advised that product purchased is **non-cancelable and non-returnable**.
- o Unless otherwise specified, product will be manufactured to the longest bulk lengths possible. Lengths less than 250 feet (75 meters) will not be shipped without customer consent.

Purchase Order #: 4500287053
 Part Number: 840272
 Color: black
 Total Order Quantity (+/- 10%): 1000ft
 Special Requirements: none
 Estimated Lead Time*: Approximately 7 weeks ARO

*Estimated lead time begins upon return receipt of this signed acknowledgement

Please sign and date your acceptance of our terms and conditions of sale in the space provided below and fax this form directly back to me at the number listed below.



 Distributor Representative

6-26-2012

 Date

If you have any questions regarding this policy, please let us know immediately and, again thank you for purchasing Alpha Wire products.

Sincerely,

Kate Donoghue Tel: (888) 525-5994 Fax: (800) 826-6602

NOTES

SUGGESTED SOURCE(S) OF SUPPLY
SEE TABLE

IDENTIFICATION OF THE SUGGESTED SOURCE(S) OF SUPPLY
HEREON IS NOT TO BE CONSTRUED AS A GUARANTEE OF PRESENT
OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE
ITEM(S).

ORDERING INFO: ORDER BY DRAWING AND PART NUMBER AND STATE
THE LENGTH DESIRED IN FEET.

RECOMMENDED MINIMUM BEND DIAMETER FOR REELING IS
13 INCHES.

MAXIMUM WEIGHT: 315 LBS/1000 FT

REQUIREMENTS

EACH "A" CONDUCTOR SHALL BE A NO. 14 AWG; TINNED COPPER
HAVING A STRANDING OF 19/.0142, EACH SHALL BE TYPE B
INSULATED WIRE IN ACCORDANCE WITH MIL-W-16878/1 (NAVY)
COLOR CODED AS SHOWN IN TABLE J.

THE THREE "A" CONDUCTORS SHALL BE TWISTED TOGETHER TO
FORM A TRIPLET WITH APPROXIMATELY 2.5 TWISTS PER FOOT.
OVER THIS TRIPLET SHALL BE A TINNED COPPER BRAID SHIELD
EQUIVALENT IN SIZE TO A NO. 14 AWG.

ALL CONDUCTORS OTHER THAN "A" SHALL BE A NO. 22 AWG;
TINNED COPPER HAVING A STRANDING OF 19/.0063. EACH
SHALL BE TYPE B INSULATED WIRE IN ACCORDANCE WITH
MIL-W-16878/1 (NAVY) COLOR CODED AS SHOWN IN TABLE I.

ALL CONDUCTORS OTHER THAN "A" SHALL BE USED TO FORM 9
TWISTED PAIRS EACH WITH APPROXIMATELY 1.5 TWISTS PER FOOT.
OVER EACH PAIR SHALL BE A TINNED COPPER BRAID SHIELD.
THE TRIPLET AND 9 PAIRS SHALL BE ARRANGED AS SHOWN AND
COVERED WITH A DOUBLE BRAID SHIELD HAVING 90 PERCENT
MINIMUM COVERAGE.

OVER THE DOUBLE SHIELD SHALL BE A JACKET OF POLYURETHANE
THERMOPLASTIC ELASTOMER TYPE, JU-LOW TEMPERATURE, HEAT
AND WEATHER RESISTANT PER MIL-I-3932/21

| REVISIONS | | | | |
|-----------|-----|---|----------|-------------------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | A | CHNG: NOTE 1.3, SHIELD 10 PLACES WAS SHIELD 9 PLACES; CORRECTED. CONTRACT NO. ECN B92L10127 | 82-3-19 | H. Zimm PB |
| | B | ECN C66L10091 CHNG: NOTES 2.3 & 2.4, COND. NOS. A1 THRU N2 WERE 1 THRU 21 | 84-02-20 | H. Zimm H |
| | C | DELETED NOTE 2.6 ADDED NOTES 2.6 THRU 3.4 ECN H87L12003 | 85-4-30 | K. M. K... MR |
| | D | DELETED REV C ECN H87L12034 | 85-11-5 | K. M. K... MR |
| | E | CHANGED NOTE 2.6 ECN H87L10187 | 86-1-6 | K. M. K... R22 |
| | F | CHGD NOTE 2.6 ADDED VENDOR ECN H66L10009 | 87-5-20 | K. M. K... CM |
| | G | ADDED REQ 2.7 ECN H66L10143 | 88-6-7 | DE CM |

| PART NO | MANUFACTURES ITEM IDENTIFICATION | |
|---------|----------------------------------|--------|
| | I | 510351 |

TABLE I

| COND NO. | COLOR |
|----------|--------|
| A1 | BLACK |
| A2 | WHITE |
| A3 | RED |
| B1 | BLACK |
| B2 | RED |
| C1 | BLACK |
| C2 | WHITE |
| D1 | BLACK |
| D2 | GREEN |
| E1 | BLACK |
| E2 | BLUE |
| H1 | BLACK |
| H2 | BROWN |
| J1 | BLACK |
| J2 | YELLOW |
| K1 | BLACK |
| K2 | ORANGE |
| L1 | RED |
| L2 | GREEN |
| N1 | RED |
| N2 | WHITE |

SPECIFICATION CONTROL DRAWING

| REV | REV STATUS OF SHEETS |
|-----|----------------------|
| SH | |

| | | | | | |
|---|------------------------|-----------|---|-----|----|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: 3 PL DECIMALS & FRACTIONS & ANGLES & DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ANSI Y14.5-1973 | CONTR NO 6E592 | | GENERAL ELECTRIC 1460 SYRACUSE, N.Y. | | |
| | SIGNATURES | YN | MO | DAY | |
| | DRAWN <i>S.W. V.W.</i> | | 01 | 10 | 23 |
| | CHECKED <i>H. Zimm</i> | | 07 | 11 | 87 |
| ENGRG <i>H. Zimm</i> | | 08 | 10 | 87 | |
| ISSUED <i>C. Schwartz</i> | | 08 | 11 | 86 | |
| SIZE | PFCM NO | DWG NO | REV | | |
| C | 03538 | 77C719791 | G | | |
| SCALE 4/1 | BINET | | | | |

↑ 026A

2

PROJ CODE A88L

1 6145-41

REV 10 2011
TC

77C719791
G

2.7 MARKING
 IDENTIFY IN ACCORDANCE WITH MIL-STD-130. MARK WITH
 MANUFACTURER'S NAME, SYMBOL, TRADEMARK OR FSCM (OR NSCM)
 AND ITEM IDENTIFICATION NUMBER.

D

C

B

A

