

GGG N.C.C.

CONDUCTOR MATERIAL---NICKEL CLAD COPPER (27%)
 INSULATION MATERIAL---GGG
 VOLTAGE RATING---300 VOLTS (UL/CSA)
 TEMPERATURE RATING---250 DEG. C
 COLOR CODING---1-BLACK

| | | | | | | |
|--------------------------|------------|------------|------------|------------|------------|--------|
| GAUGE | 22 | 18 | 16 | 14 | 12 | 10 |
| STRANDING | 7/30 | 7/.0152 | 26/30 | 41/30 | 65/30 | 105/30 |
| CONDUCTOR DIAMETER | .030 | .046 | .057 | .072 | .088 | .120 |
| SERVE DIAMETER (REF.) | .071 | .092 | .103 | .118 | .134 | .166 |
| BRAID DIAMETER--MAX | .088 | .110 | .122 | .136 | .157 | .192 |
| BRAID DIAMETER--MIN | .076 | .096 | .106 | .121 | .137 | .160 |
| DIELECTRIC TEST VOLTS | 1500 | 1500 | 1500 | 1500 | 1500 | 1500 |
| 10" MIN PULL TEST | 15 LB * | 14 LB* | 20 LB* | 25 LB* | 25 LB* | 30 LB* |
| 3/4" MAX. STRIP PRESSURE | 12 LB* | 14 LB* | 18 LB* | 20 LB* | 25 LB* | 28 LB* |
| LAY OF CONDUCTOR-NOM. | .313 | .625 | .750 | 1.000 | 1.250 | 1.500 |
| CONDUCTOR BUNCH | CONC. | CONC. | BUNCH | BUNCH | BUNCH | ROPE |
| PART NUMBER | A5026AB007 | A5026AB020 | N5026AB193 | A5026AB047 | A5026AB240 | --- |

* Preliminary value, actual value to be determined

U.L. LISTING---5167

C.S.A. LISTING---AWM

CONSTRUCTION---Two fiberglass servings, silicone impregnated. First layer to be applied in opposite direction of the conductor lay.

DIELECTRIC TEST---Initial test will be upon previously untested specimen. The test specimen is to be 24" straight length of finished wire, the center 12" of which is wrapped tightly with a metal foil. The test voltage at 60 hz shall be applied for one (1) minute. Breakdown shall be cause for rejection.

U.L. SPARK TEST---Vendor to certify compliance with 1500 VAC spart test performed in accordance with UL5167 in lieu of dielectric testing above.

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| K | Changed lead wire color per RoHS from orange, blue-parallel. ECO 6784 | 8-1-05 SEB |
| J | #22 WAS .081 (min.) & .095 (max.) | 1-17-03 EH |
| H | #22 WAS .079-.093 AND #18 WAS .095-.109 | 11-5-97 DB |
| G | WAS CROSSED TRACERS | 8/12/1997 |
| F | ADDED P/N | 2/18/1993 |
| E | RE-DRAWN | 3/10/1992 |
| REV. | DESCRIPTION | DATE |

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| WATLOW ELECTRIC MFG. CO. ST. LOUIS, MO., USA |
| LEAD WIRE SPECIFICATIONS DATE: SCALE: NONE DRAWN BY: D.B. APPROVED BY: |
| WATLOW DWG. WDA-5064 |

WDA5064