

**ALPHA WIRE COMPANY
CUSTOMER PRODUCT SPECIFICATION**

Part Number: S362
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Issue: 3
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- | A. Construction | <u>Diameters (In)</u> |
|--|--|
| 1) Component 1 | 1 X 1 HOOKUP |
| a) Conductor | 24 (19/36) AWG TC |
| b) Insulation | 0.010" Wall, Nom. PVC/ 0.003" Wall NYLON |
| (1) Color(s) | WHITE, BLACK, RED, GREEN, YELLOW |
| B. Industry Approvals | |
| 1) Military | |
| a) Component 1 | MIL-W-16878/Type B/N 105°C / 600 V _{RMS} |
| 2) EU Directive 2002/95/EC(RoHS): | All materials used in the manufacture of this part are in compliance with EU Directive 2002/95/EU regarding the restriction of use of certain hazardous substances in electrical and electronic equipment. |
| C. Physical & Mechanical Properties | |
| 1) Temperature Range | -20 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 3.7 Lbs, Maximum |
| D. Electrical Properties | (For Engineering purposes only) |
| 1) Voltage Rating | 600 V _{RMS} |
| 2) Inductance | 0.06 µH/ft, Nominal |
| 3) Conductor DCR | 23.9 Ω/1000ft @20°C, Nominal |
| E. Other | |
| 1) Packaging | |
| a) 55DR75000 | 75,000 ft in 30 x 20 x 13 Drum Max. 8 pieces/Min length 3500 FT. |
| b) Bulk(Made-to-order) | |
| 2) Notes: | |
| a) Same as M362 except +/- .001 tolerance on OD | |
| b) Splices on 75,000 ft put-ups are to be soldered | |

This Design is custom, Made-To-Order & once accepted, the order is NON-CANCELLABLE & NON-RETURNABLE.

Accepted By:	Date:
Company:	Title:

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