

Customer Specification

PART NO. 5364C

Construction

| | | | | | | Diameters (In) | |
|-------------------|-------|------|-------|------|-------|--|--------------------|
| 1) Component 1 | | | | | | 4 X 1 COND | |
| a) Conductor | | | | | | 16 (19/.0117) AWG Tinned Copper | 0.059 |
| b) Insulation | | | | | | 0.016" Wall, Nom. PVC | 0.091 |
| (1) Color Code | | | | | | Alpha Wire Color Code D | |
| Cond | Color | Cond | Color | Cond | Color | | |
| 1 | BLACK | 3 | WHITE | | | | |
| 2 | RED | 4 | GREEN | | | | |
| 2) Cable Assembly | | | | | | 4 Components Cabled | |
| a) Twists: | | | | | | 3.7 Twists/foot (min) | |
| b) Orientation: | | | | | | Components to be arranged from INSIDE LAYER to OUTSIDE LAYER | |
| c) Core Wrap | | | | | | Nonwoven Polyester Tape, 25% Overlap, Min. | |
| 3) Shield: | | | | | | Alum/Mylar Tape, 25% Overlap, Min. | |
| a) Foil Direction | | | | | | Foil Facing In | |
| b) Drain Wire | | | | | | 16 (19/.0117) AWG Tinned Copper | |
| 4) Jacket | | | | | | 0.032" Wall, Nom.,PVC | 0.292 (0.304 Max.) |
| a) Color(s) | | | | | | Slate, Black, Yellow, Orange, Blue, Green, Red, Sand Beige, White | |
| b) Ripcord | | | | | | 1 End 810 Denier Nylon | |
| c) Print | | | | | | ALPHA WIRE-* P/N 5364C 4C 16 AWG XTRAGUARD(R) 1 SHIELDED (UL) TYPE CM 105C SUN RES OR AWM 2464 80C 300V OR AWM 2517 105C 300V VW-1 OR C(UL) TYPE CMG 105C FT4 CE ROHS OIL RESISTANT (SEQ FOOTAGE) * = Factory Code [Note: Product may have c(UL) or CSA markings depending upon plant of manufacture.] | |

Applicable Specifications

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| Physical & Mechanical Properties | |
|----------------------------------|---|
| 1) Temperature Range | -30 to 105°C |
| 2) Bend Radius | 10X Cable Diameter |
| 3) Pull Tension | 102 Lbs, Maximum |
| 4) Sunlight Resistance | Yes |
| Electrical Properties | (For Engineering purposes only) |
| 1) Voltage Rating | 300 V _{RMS} |
| 2) Capacitance | 51 pF/ft @1 kHz, Nominal Conductor to Conductor |
| 3) Ground Capacitance | 92 pF/ft @1 kHz, Nominal |
| 4) Inductance | 0.17 µH/ft, Nominal |
| 5) Conductor DCR | 4.4 Ω/1000ft @20°C, Nominal |
| 6) OA Shield DCR | 3.9 Ω/1000ft @20°C, Nominal |
| | |

Other

| Packaging | Flange x Traverse x Barrel (inches) |
|--|--------------------------------------|
| a) 1900 FT | 18 x 14.25 x 8 Continuous length |
| b) 1000 FT | 18 x 9 x 8 Continuous length |
| c) 500 FT | 12 x 10.5 x 5 Continuous length |
| d) 100 FT | 10.5 x 5 x 3.5 Continuous length |
| e) Bulk(Made-to-order) | |
| | [Spool dimensions may vary slightly] |
| Notes: | |
| a) Certain put-up combinations may only be available by special order. Minimums may apply. | |
| b) Oil Resistant Jacket (7d @ 60C). | |
| | |

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