

Computer Cable

MULTICONDUCTOR OVERALL ALUMYLAR™ SHIELDED CABLE

Standard Putups:

- 100 ft.
- 500 ft.
- 1000 ft.
- bulk.

See color charts 1, 2, 4 or 11 (as noted) in Technical Section.

DESCRIPTION

- Construction: Conductors cabled with overall shield.
- Conductors: Stranded tinned copper.
- Insulation: Color coded polyvinylchloride.
- Shield: Alumylar(TM) overall shield (100% coverage) with stranded tinned copper drain wire.
- Jacket: Chrome polyvinylchloride.

CHARACTERISTICS

- Temperature: 80C AWM - 90C CL2.
- Voltage Rating: 300 Volts AWM.

FEATURES & APPLICATIONS

- Alumylar(TM) shield with drain wire offers ease of termination and high reliability. For sound, broadcast, instrumentation and computer cables for EIA RS-232 applications.

APPROVALS

- UL: 2464
- CSA: AWM II A/B FT4
- Recognized under the components program of Underwriters' Laboratories, Inc. UL Style 2464. CSA AWM II A/B FT4. NEC Type CL2. Passes VW-1 Vertical Flame Test. OSHA Acceptable.

| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | Color Code |
|-------------|-------------------|-----|-----------|----------------------------------|-------------------------------------|---------------------------------|---------------------|------------|
| 1012402 | 2 | 24 | 7/32 | .024 0.61 | .010 0.25 | .032 0.81 | .156 3.96 | 4 |
| 1012403 | 3 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .168 4.27 | 2 |
| 1012404 | 4 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .180 4.57 | 1 |
| 1012405 | 5 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .190 4.83 | 1 |
| 1012406 | 6 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .205 5.21 | 1 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | Color Code |
| 1012407 | 7 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .205 5.21 | 1 |
| 1012408 | 8 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .220 5.59 | 1 |
| 1012409 | 9 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .236 6.00 | 1 |
| 1012410 | 10 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .250 6.35 | 1 |
| 1012415 | 15 | 24 | 7/32 | .024 0.61 | .010 0.25 | .035 0.89 | .280 7.11 | 2 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | Color Code |
| 1012420 | 20 | 24 | 7/32 | .024 0.61 | .010 0.25 | .040 1.02 | .310 7.87 | 2 |
| 1012425 | 25 | 24 | 7/32 | .024 0.61 | .010 0.25 | .040 1.02 | .370 9.40 | 2 |
| 1012430 | 30 | 24 | 7/32 | .024 0.61 | .010 0.25 | .040 1.02 | .390 9.91 | 2 |
| 1012440 | 40 | 24 | 7/32 | .024 0.61 | .010 0.25 | .040 1.02 | .406 11.18 | 2 |
| 1012450 | 50 | 24 | 7/32 | .024 0.61 | .010 0.25 | .045 1.14 | .464 11.79 | 2 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | Color Code |
| 1012202 | 2 | 22 | 7/30 | .030 0.76 | .010 0.25 | .032 0.81 | .164 4.17 | 4 |
| 1012203 | 3 | 22 | 7/30 | .030 0.76 | .010 0.25 | .032 0.81 | .168 4.27 | 2 |

| | | | | | | | | | | | | |
|--------------------|--------------------------|------------|------------------|--------------------------------------|---|-------------------------------------|-------------------------|------|------|-------------------|-------|----|
| 1012204 | 4 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .186 | 4.72 | 1 |
| 1012205 | 5 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .035 | 0.88 | .209 | 5.30 | 1 |
| 1012206 | 6 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .210 | 5.33 | 1 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | | | Color Code | | |
| 1012207 | 7 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .035 | 0.88 | .224 | 5.68 | 1 |
| 1012208 | 8 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .234 | 5.94 | 1 |
| 1012209 | 9 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .035 | 0.88 | .255 | 6.47 | 1 |
| 1012210 | 10 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .269 | 6.83 | 1 |
| 1012215 | 15 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .337 | 8.56 | 1 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | | | Color Code | | |
| 1012220 | 20 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .352 | 8.94 | 1 |
| 1012225 | 25 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .377 | 9.57 | 1 |
| 1012230 | 30 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .407 | 10.34 | 2 |
| 1012240 | 40 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .463 | 11.76 | 2 |
| 1012250 | 50 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .508 | 12.90 | 2 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | | | Color Code | | |
| 1012260 | 60 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .032 | 0.81 | .544 | 13.82 | 2 |
| 1012270 | 70 | 22 | 7/30 | .030 | 0.76 | .010 | 0.25 | .053 | 1.35 | .618 | 15.70 | 2 |
| 1012002 | 2 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .180 | 4.57 | 2 |
| 1012003 | 3 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .216 | 5.49 | 11 |
| 1012004 | 4 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .221 | 5.61 | 11 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | | | Color Code | | |
| 1012006 | 6 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .246 | 6.25 | 11 |
| 1012008 | 8 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .290 | 7.37 | 11 |
| 1012010 | 10 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .324 | 8.23 | 11 |
| 1012015 | 15 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .396 | 10.06 | 11 |
| 1012020 | 20 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .437 | 11.10 | 11 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | | | Color Code | | |
| 1012025 | 25 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .478 | 12.14 | 11 |
| 1012030 | 30 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .032 | 0.81 | .520 | 13.21 | 11 |
| 1012040 | 40 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .053 | 1.35 | .620 | 15.75 | 11 |
| 1012050 | 50 | 20 | 7/28 | .038 | 0.97 | .016 | 0.41 | .053 | 1.35 | .700 | 17.78 | 11 |
| 1011802 | 2 | 18 | 16/30 | .050 | 1.27 | .016 | 0.41 | .032 | 0.81 | .220 | 5.59 | 11 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | | | Color Code | | |
| 1011803 | 3 | 18 | 16/30 | .050 | 1.27 | .016 | 0.41 | .032 | 0.81 | .235 | 5.97 | 11 |
| 1011804 | 4 | 18 | 16/30 | .050 | 1.27 | .016 | 0.41 | .032 | 0.81 | .255 | 6.48 | 11 |
| 1011806 | 6 | 18 | 16/30 | .050 | 1.27 | .016 | 0.41 | .032 | 0.81 | .300 | 7.62 | 11 |
| 1011808 | 8 | 18 | 16/30 | .050 | 1.27 | .016 | 0.41 | .032 | 0.81 | .320 | 8.13 | 11 |
| 1011810 | 10 | 18 | 16/30 | .050 | 1.27 | .016 | 0.41 | .032 | 0.81 | .375 | 9.53 | 11 |
| Part Number | No. of Conductors | AWG | Stranding | Nom. Dia. of Conductor in. mm | Nom. Insulation Thickness in. mm | Nom. Jacket Thickness in. mm | Nom. O.D. in. mm | | | Color Code | | |
| 1011815 | 15 | 18 | 16/30 | .050 | 1.27 | .016 | 0.41 | .032 | 0.81 | .430 | 10.92 | 11 |