



ABL ELECTRONIC SUPPLIES, INC.

1032-A CENTRAL DRIVE NW

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### EXTRA FLEXIBLE BARE COPPER ROPE LAY

GENERAL USES: Manufactured with fine strand wire to achieve the ultimate in flexibility and where extended flex-life is a primary consideration. Excellent for shunts, grounds, leads, and flexible jumpers.

Values and dimensions are approximate

| PART<br>NUMBER | AWG<br>SIZE | CIRCULAR<br>MIL AREA | NOM.<br>AMPS | NOMINAL<br>O.D. Inches | NO OF<br>WIRES | AWG OF<br>WIRES |
|----------------|-------------|----------------------|--------------|------------------------|----------------|-----------------|
| 97029          | 29          | 132                  |              | 0.015                  | 33             | 44              |
| 97028          | 28          | 163                  |              | 0.017                  | 66             | 46              |
| 97027          | 27          | 204                  |              | 0.018                  | 51             | 44              |
| 97026          | 26          | 264                  |              | 0.021                  | 66             | 44              |
| 97025          | 25          | 317                  |              | 0.023                  | 33             | 40              |
| 97024          | 24          | 420                  |              | 0.027                  | 105            | 40              |
| 97023          | 23          | 511                  |              | 0.029                  | 54             | 40              |
| 97022          | 22          | 634                  | 7            | 0.032                  | 66             | 40              |
| 97021          | 21          | 507                  | 8            | 0.037                  | 84             | 40              |
| 97020          | 20          | 1050                 | 9            | 0.042                  | 42             | 36              |
| 97019          | 19          | 1225                 | 11           | 0.045                  | 49             | 36              |
| 97018          | 18          | 1575                 | 13           | 0.052                  | 63             | 36              |
| 97017          | 17          | 2100                 | 15           | 0.059                  | 84             | 36              |
| 97016          | 16          | 2625                 | 17           | 0.067                  | 105            | 36              |
| 97015          | 15          | 3325                 | 20           | 0.075                  | 133            | 36              |
| 97014          | 14          | 4200                 | 25           | 0.084                  | 168            | 36              |
| 97013          | 13          | 5250                 | 28           | 0.094                  | 210            | 36              |
| 97012          | 12          | 6475                 | 31           | 0.104                  | 259            | 36              |
| 97011          | 11          | 8223                 | 37           | 0.117                  | 329            | 36              |
| 97010          | 10          | 10325                | 46           | 0.131                  | 413            | 36              |
| 97009          | 9           | 13125                | 55           | 0.148                  | 525            | 36              |
| 97008          | 8           | 10025                | 62           | 0.167                  | 665            | 36              |
| 97007          | 7           | 20825                | 15           | 0.187                  | 833            | 36              |
| 97006          | 6           | 26250                | 80           | 0.210                  | 1050           | 36              |
| 97005          | 5           | 33075                | 95           | 0.267                  | 1323           | 36              |
| 97004          | 4           | 41050                | 114          | 0.299                  | 1666           | 36              |
| 97003          | 3           | 52675                | 130          | 0.337                  | 2107           | 36              |
| 97002          | 2           | 66150                | 160          | 0.377                  | 2646           | 36              |
| 97001          | 1           | 83300                | 180          | 0.423                  | 3332           | 36              |

|       |     |        |     |       |      |    |
|-------|-----|--------|-----|-------|------|----|
| 97100 | 1/0 | 105350 | 214 | 0.476 | 4214 | 36 |
| 97200 | 2/0 | 132300 | 252 | 0.533 | 5292 | 36 |
| 97300 | 3/0 | 160575 | 315 | 0.611 | 6783 | 36 |
| 97400 | 4/0 | 212800 | 350 | 0.685 | 8512 | 36 |

The direct current ratings are intended as a reference guide only. The values listed are for non-insulated cable in free air at 30C/86F. Values should be de-rated if the cable is insulated or in close contact with other components. Actual values will depend on temperature rise, and/or a voltage drop in addition to all other factors of service.

OPTIONS: Available in bare copper, tinned copper.

Not all items are available at any given time. Availability varies and is subject to minimum order quantities when not in stock.

Most sizes meet Federal Specification QQ-B-575. Braid is manufactured to achieve a 90% coverage.