

# ROUND TRAILER CABLE



## FEATURES

- Color sequence based on customer requests. Custom constructions and layups designed at customer's request.
- 105°C Singles and Jacket available upon request.
- Special stranding and packaging are available upon request.
- Custom print available upon request.

## APPLICATIONS

- Trucks, Buses, Trailers and General Use

## CONSTRUCTION

Stranded copper conductor insulated with PVC (GPT 80°C) and jacketed with 80°C PVC jacket to form a round multiconductor cable. Inner conductors meet SAE J1128.

# ROUND TRAILER CABLE



| Gauge                | Stranding     | Insulation Diameter |      | Insulation Thickness |      | Jacket Thickness |      | Nominal O.D. |       | Standard Packaging | Shipping Weight lbs/1000 ft |
|----------------------|---------------|---------------------|------|----------------------|------|------------------|------|--------------|-------|--------------------|-----------------------------|
|                      |               | Inches              | MM   | Inches               | MM   | Inches           | MM   | Inches       | MM    |                    |                             |
| 18/2                 | 16/.010       | 0.094               | 2.39 | 0.023                | 0.58 | 0.048            | 1.22 | 0.290        | 7.37  | 6000               | 46                          |
| 18/3                 | 16/.010       | 0.094               | 2.39 | 0.023                | 0.58 | 0.038            | 0.97 | 0.280        | 7.11  | 1000               | 51                          |
| 16/3                 | 19/.0112      | 0.103               | 2.62 | 0.023                | 0.58 | 0.036            | 0.91 | 0.305        | 7.75  | 500                | 64                          |
| 16/4                 | 19/.0112      | 0.103               | 2.62 | 0.023                | 0.58 | 0.050            | 1.27 | 0.360        | 9.14  | 500                | 77                          |
| 16/5                 | 19/.0112      | 0.103               | 2.62 | 0.023                | 0.58 | 0.080            | 2.03 | 0.445        | 11.30 | 2500               | 129                         |
| 16/6                 | 19/.0112      | 0.103               | 2.62 | 0.023                | 0.58 | 0.040            | 1.02 | 0.390        | 9.91  | 500                | 109                         |
| 14/2                 | 19/.0140      | 0.117               | 2.97 | 0.023                | 0.58 | 0.025            | 0.64 | 0.294        | 7.47  | 1000               | 53                          |
| 14/3                 | 19/.0140      | 0.117               | 2.97 | 0.023                | 0.58 | 0.030            | 0.76 | 0.315        | 8.00  | 4000               | 83                          |
| 14/4                 | 19/.0140      | 0.117               | 2.97 | 0.023                | 0.58 | 0.050            | 1.27 | 0.410        | 10.41 | 2500               | 99                          |
| 14/5                 | 19/.0140      | 0.117               | 2.97 | 0.023                | 0.58 | 0.060            | 1.52 | 0.450        | 11.43 | 2500               | 147                         |
| 14/6                 | 19/.0140      | 0.117               | 2.97 | 0.023                | 0.58 | 0.072            | 1.83 | 0.500        | 12.70 | 2500               | 175                         |
| 14/7                 | 19/.0140      | 0.117               | 2.97 | 0.023                | 0.58 | 0.072            | 1.83 | 0.500        | 12.70 | 2500               | 189                         |
| 12/3                 | 19/.0177      | 0.142               | 3.61 | 0.026                | 0.66 | 0.035            | 0.89 | 0.370        | 9.40  | 4000               | 118                         |
| 12/4                 | 19/.0177      | 0.142               | 3.61 | 0.026                | 0.66 | 0.058            | 1.47 | 0.465        | 11.81 | 2000               | 166                         |
| 12/1 14/6            | 12 - 19/.0177 | 0.142               | 3.61 | 0.026                | 0.66 | 0.069            | 1.75 | 0.520        | 13.21 | 2500               | 204                         |
|                      | 14 - 19/.0140 | 0.117               | 2.97 | 0.023                | 0.58 |                  |      |              |       |                    |                             |
| 10/1 12/5            | 10 - 19/.0223 | 0.168               | 4.27 | 0.031                | 0.79 | 0.045            | 1.14 | 0.550        | 13.97 | 3000               | 242                         |
|                      | 12 - 19/.0177 | 0.142               | 3.61 | 0.026                | 0.66 |                  |      |              |       |                    |                             |
| 10/1 12/6            | 10 - 19/.0223 | 0.168               | 4.27 | 0.031                | 0.79 | 0.045            | 1.14 | 0.550        | 13.97 | 3000               | 269                         |
|                      | 12 - 19/.0177 | 0.142               | 3.61 | 0.026                | 0.66 |                  |      |              |       |                    |                             |
| 10/2 12/1 14/4       | 10 - 19/.0223 | 0.168               | 4.27 | 0.031                | 0.79 | 0.050            | 1.27 | 0.530        | 13.46 | 6000               | 228                         |
|                      | 12 - 19/.0177 | 0.142               | 3.61 | 0.026                | 0.66 |                  |      |              |       |                    |                             |
|                      | 14 - 19/.0140 | 0.117               | 2.97 | 0.023                | 0.58 |                  |      |              |       |                    |                             |
| 8/1 10/2 12/4 (.060) | 8 - 19/.0281  | 0.208               | 5.28 | 0.037                | 0.94 | 0.060            | 1.52 | 0.638        | 16.21 | 1000               | 301                         |
|                      | 12 - 19/.0177 | 0.142               | 3.61 | 0.026                | 0.66 |                  |      |              |       |                    |                             |
|                      | 14 - 19/.0140 | 0.117               | 2.97 | 0.023                | 0.58 |                  |      |              |       |                    |                             |
| 8/1 10/2 12/4 (.080) | 8 - 19/.0281  | 0.208               | 5.28 | 0.037                | 0.94 | 0.080            | 2.03 | 0.700        | 17.78 | 1500               | 362                         |
|                      | 12 - 19/.0177 | 0.142               | 3.61 | 0.026                | 0.66 |                  |      |              |       |                    |                             |
|                      | 14 - 19/.0140 | 0.117               | 2.97 | 0.023                | 0.58 |                  |      |              |       |                    |                             |

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

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