

Specification Sheet

Entertainment Metals Part # TBD

Description: Four element composite cable with an overall TPE jacket.

- 12 AWG 24C 65 Strands BC PVC Insulation Unshielded
- (2) 24 AWG 1PR 7 Strands TC Foam PE/PVC Insulation/Jacket Shielded

Element 1: 12 AWG 24C 65 Strands BC PVC Insulation Unshielded

1. Conductor

- 1.1. AWG Size & Stranding: 12 AWG 65 Strands Class K
- 1.2. Material: Annealed Bare Copper
- 1.3. Conductor Count: 24 Conductors

2. Insulation

- 2.1. Material: Polyvinylchloride
- 2.2. Wall Thickness: 0.028"
- 2.3. Color Code: Black, Red, White, Green, Brown, Blue, Orange, Yellow, Purple, Gray, Pink, Tan, White/Black, White/Red, White/Green, White/Orange, White/Blue, White/Brown, White/Yellow, White/Purple, White/Gray, Black/Red, Black/Green, & Black/Yellow

Your signature constitutes that you have read and agreed to this specification sheet and upon confirmation of your order; this item may be non-cancelable and non-returnable.



Signature

Entertainment Metals Inc.
Company

Elements 2 & 3: (2) 24 AWG 1PR 7 Strands TC Foam PE/PVC Insulation/Jacket Shielded

3. Conductor

- 3.1. AWG Size & Stranding: 24 AWG 7 Strands Class B
- 3.2. Material: Annealed Tinned Copper
- 3.3. Conductor Count: 1 Pair

4. Insulation

- 4.1. Material: Foamed Polyethylene
- 4.2. Wall Thickness: 0.021"
- 4.3. Color Code: Black, White

5. Assembly

- 5.1. Cable Lay Length: 2.00 LHL (6.00 tw/ft), Nominal
- 5.2. Filler: 0.049" Solid Clear Polyethylene Rod
- 5.3. Shield: Heat Fusible Aluminum/Mylar Shield - 100% Coverage
- 5.4. Drain Wire: 22 AWG 7 Strands Tinned Copper

6. Jacket

- 6.1. Material: Pressure Extruded Polyvinylchloride
- 6.2. Wall Thickness: 0.021"
- 6.3. Diameter: 0.177"
- 6.4. Color: Black
- 6.5. Ripcord: N/A
- 6.6. Weight: 15 Lbs/Mft

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7. Nominal Electrical Values

- 7.1. Capacitance: 11.8 pF/ft
- 7.2. Impedance: 113.9 $\Omega \pm 10\%$ @ 20°C
- 7.3. DC Resistance: 17.04 Ω /Mft @ 20°C

Overall Cable Assembly

8. Assembly - Elements 1 - 4

- 8.1. Cable Lay Length: 13.75 LHL (0.87 tw/ft), Nominal
- 8.2. Binder: Non-Woven Polyester Binder - 100% Coverage

9. Jacket

- 9.1. Material: Pressure Extruded Thermoplastic Elastomer
- 9.2. Wall Thickness: 0.085"
- 9.3. Diameter: 1.082"
- 9.4. Color: Black
- 9.5. Ripcord: N/A
- 9.6. Weight: 974 Lbs/Mft

10. Markings

- 10.1. Type: Cable permanently identified via surface inkjet print
- 10.2. Legend: Entertainment Part # TBD 12AWG 24C + 24AWG 2PR EPS 75°C 300V "ROHS II"
REACH MADE IN USA
- 10.3. Footage Markers: Yes

11. Standards

- 11.1. All materials used in the manufacture of this cable are RoHS II & REACH compliant
- 11.2. Maximum Operating Voltage: 300V
- 11.3. Made in the USA

ALL SPECIFIED PARAMETERS ARE NOMINAL AND SUBJECT TO VERIFICATION