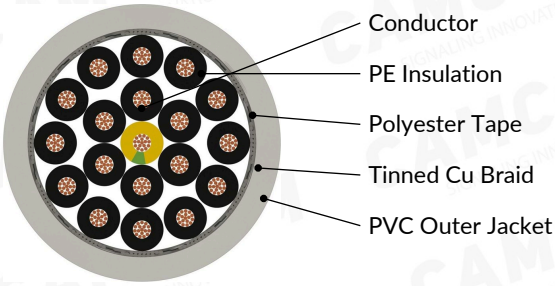


# PART NO. 221518BSE

2YSLCY-JZ 18x1.5mm², PE Insulated, Tinned Cu Braid, PVC Jacket

## Detailed Specifications & Technical Data

### CROSS SECTION




### APPLICATION

- Heavy-duty industrial power and control transmission
- Strong EMI protection through tinned copper braid screen

### TECHNICAL DATA

| | |
|---|---|
| Conductor Resistance @20°C | : ≤ 13.3 Ω/km |
| Insulation Resistance | : ≥ 20 MΩ·km |
| Current Carrying Capacity | : 18 A |
| Test Voltage (1 min) | : 2000 V |
| Operating Voltage | : 300/500 V |

### STANDARDS

- Flame retardancy: IEC 60332-1-2 / EN 60332-1-2 / VDE 0482-332-1-2
- Conductor: IEC 60228, EN 60228, DIN VDE 0295 (Class 5)
- Insulation: DIN VDE 0207-2 (2YI2) · Core ID: DIN VDE 0293, TS HD 308 S2
- Jacket: EN 50363-4-1, DIN VDE 0207 (TM2)

### CABLE CONSTRUCTION

| | |
|---|---|
| Conductor | : Stranded electrolytic annealed copper, Class 5 |
| Insulation | : Polyethylene (PE), 2YI2 |
| Core Identification | : Black cores with white numbers |
| Stranding | : In layers |
| Wrapping | : Polyester tape |
| Screen | : Tinned copper braid |
| Outer Jacket | : UV-resistant PVC, TM2 |

### MECHANICAL CHARACTERISTICS

| | |
|---|---|
| Min. Bending Radius | : 10 x D |
| Operating Temperature | : -30°C to +70°C |

### COLOR & PACKAGE

| | |
|---|---|
| Jacket Color | : Grey RAL 7001 / Black RAL 9004 |
| Packing Lengths | : 100 / 500 / 1000 m |

### CABLE TYPE DATA

| CAMCOM Part No. | No. of Cores | Cross-section (mm²) | Approx. Cable Ø (mm) | Copper Weight (kg/km) | Approx. Weight (kg/km) | Packing Length (m) |
|---|---|---|---|---|---|---|
| **221518BSE** | 18 | 1.5 | 14.7 | 264.4 | 397 | 100/500/1000 |

### PRODUCT VIEW




**Camcom** is proud to be certified by

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Disclamer :- Datasheet is subject to modification without prior notication

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