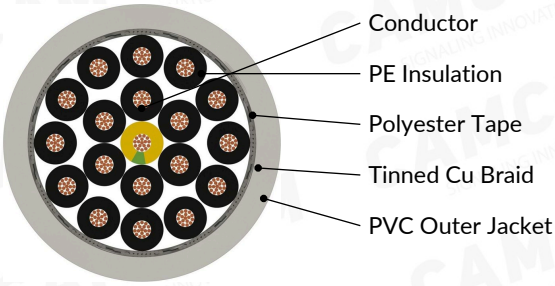


PART NO. 221005BSE

2YSLCY-JZ 5x1.0mm², 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	: ≤ 19.5 Ω/km
Insulation Resistance	: ≥ 20 MΩ·km
Current Carrying Capacity	: 15 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)
221005BSE	5	1.0	7.7	57	106	100/500/1000

PRODUCT VIEW



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Designed in Netherlands & Produced Globally.

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Disclamer :- Datasheet is subject to modification without prior notication

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