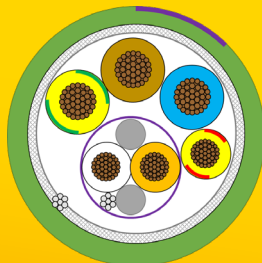


CANBUS HYBRID

250 V

Combined Power and CANbus cable
 $3 \times 2.5 \text{ mm}^2 + 1 \times 0.75 \text{ mm}^2 + (\text{i}) 1 \times 2 \times 0.75 \text{ mm}^2$



• Flame-retardant • Halogen-free • Low smoke emission

| | |
|---------------------------|--|
| CONDUCTOR | Stranded copper conductor 0.75 and 2.5 mm ² , IEC 60228 Class 5 |
| INSULATION | XLPE (Power) FoamPE (CANbus) |
| CABLING/BEDDING | Cabling, 1 pair + Filler + tinned copper drain wire |
| SHIELD 1 | Aluminium polyester tape, coverage 100% |
| CABLING/BEDDING | 1 pair x 0.75 mm ² + 3 conductors x 2.5 mm ² + 0.75 mm ² + Filler |
| SHIELD 2 | Tinned copper wire braid, coverage ≥ 85% + tinned copper drain wire |
| SHEATH | LSZH Standard colour green with violet stripe, other colours on request |
| REFERENCE STANDARD | IEC 60092-376 (Partly) |

APPLICATION

Combined Power and CANbus cable optimized for maximum robustness and use on field products. Suitable for installation in maritime applications.

PHYSICAL PROPERTIES:

| | |
|------------------------------|---|
| BENDING RADIUS | 5 x Ø (fixed) |
| NOMINAL OUTER Ø | 12.9 ± 0.3 mm |
| CABLE WEIGHT | 235 kg/km |
| CORE IDENTIFICATION | 1. White (CANbus) 2. Orange 3. Yellow/red 4. Brown (Power) 5. Blue 6. Yellow/green |
| MARINE TYPE APPROVALS | Pending |

MAIN CHARACTERISTICS:

| | |
|--------------------------------------|---|
| RATED VOLTAGE | 150 / 250 V |
| FIRE PERFORMANCE | IEC 60332-3-24 |
| HALOGEN-FREE | IEC 60754 series |
| SMOKE EMISSION | IEC 61034 series |
| MAXIMUM RESISTANCE CONDUCTOR | 0.75 mm ² ≤ 26 Ω/km @20 °C 2.5 mm ² < 7.98 Ω/km @20 °C |
| CHARACTERISTIC IMPEDANCE | 120 ± 12 Ω @1 MHz (CANbus) |
| MUTUAL CAPACITANCE | 50 nF/km (CANbus) |
| OPERATING TEMPERATURE RANGE | -40 °C – 80 °C (fixed) |
| MAXIMUM CONDUCTOR TEMPERATURE | 90 °C |

Subject to change without prior notice.

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