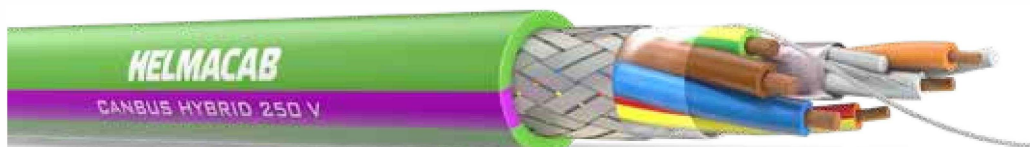


CANBUS HYBRID

250 V

Combined Power and CANbus cable
3G2.5 mm² + 1x0.75 mm² + (i) 1x2x0.75 mm²

DATA CABLES



• FLAME-RETARDANT • HALOGEN-FREE • LOW SMOKE EMISSION

CONDUCTOR	Stranded tinned 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
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
PART NUMBER	2990108031
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
MAX. 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)
MAX. CONDUCTOR TEMPERATURE	90 °C