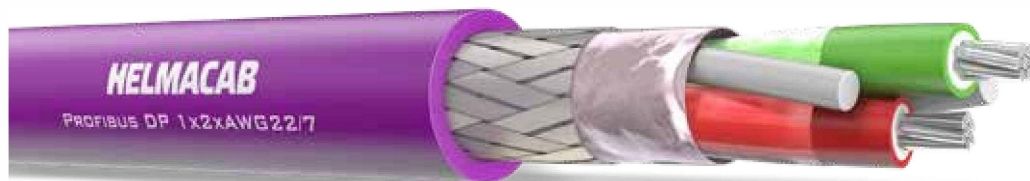


PROFIBUS DP

1 x 2 x AWG 22/7 -HF



CONDUCTOR	Stranded tinned copper conductor AWG 22/7
INSULATION	Foam-Skin-PE
STRANDING	Two cores stranded together with 2 fillers
SCREEN 1	Aluminium polyester tape
SCREEN 2	Tinned copper wire braid
OUTER SHEATH	LSZH
COLOUR	Violet

APPLICATION

Automation cable for industrial fieldbus fast-connect-type systems, particularly developed for process applications. Suitable for installation in maritime applications.

PHYSICAL PROPERTIES

BENDING RADIUS	5 x Ø
NOMINAL OUTER Ø	7.8 ± 0.2 mm
CABLE WEIGHT	70 kg/km
CORE IDENTIFICATION	1. Red 2. Green
PART NUMBER	29996
MARINE TYPE APPROVALS	DNV, LR, RINA

MAIN CHARACTERISTICS

FIRE PERFORMANCE	IEC 60332-1-2 IEC 60332-3-22
HALOGEN FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
MAXIMUM RESISTANCE CONDUCTOR (LOOP)	≤ 110 Ω/km
CHARACTERISTIC IMPEDANCE	150 Ω ± 10%
MUTUAL CAPACITANCE	30 nF/km
ATTENUATION	9.6 kHz ≤ 2.5 dB/km 38.4 kHz ≤ 4.0 dB/km 4.0 MHz ≤ 22.0 dB/km 16.0 MHz ≤ 42.0 dB/km
OPERATING TEMPERATURE RANGE	-25 °C - 70 °C