



MARINE INSTRUMENTATION CABLE

IEC 60092-376

18 orderable sizes

STANDARD IEC 60092-376	VOLTAGE CLASS 150/250 V, 250 V or 300/500 V	CONDUCTOR Tinned copper conductor
INSULATION / JACKET SHF1 or SHF2		

Construction

- 1 ■ Conductor (per core) – 0.75 mm² · 7 × Ø0.37 mm · IEC 60228 cL.2
- 2 ■ Pair insulation – XLPE, EPR or HEPR
- 3 ■ Individual screen (IS) – Al/polyester foil + tinned-copper drain
- 4 ■ Filler – Bedding / filler
- 5 ■ Overall screen (OS) – Al/polyester foil + drain
- 6 ■ Sheath – SHF1 or SHF2

Size selection — all available cross-sections

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 1 pair 0.75 mm ²	Instrumentation	1 pair	0.75 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	15 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 1 pair 1.0 mm ²	Instrumentation	1 pair	1.0 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	15 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 1 pair 1.5 mm ²	Instrumentation	1 pair	1.5 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	16 mm
IEC 60092-376 instrumentation cable	Instrumentation	2 pair	0.75 mm ²	150/250 V, 250 V or	Flame retardant, low smoke and	16 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
Instrumentation 150/250 V, 250 V or 300/500 V 2 pair 0.75 mm ²				300/500 V	halogen-free sheath options	
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 2 pair 1.0 mm ²	Instrumentation	2 pair	1.0 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	17 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 2 pair 1.5 mm ²	Instrumentation	2 pair	1.5 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	17 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 4 pair 0.75 mm ²	Instrumentation	4 pair	0.75 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	19 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 4 pair 1.0 mm ²	Instrumentation	4 pair	1.0 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	19 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 4 pair 1.5 mm ²	Instrumentation	4 pair	1.5 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	20 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 8 pair 0.75 mm ²	Instrumentation	8 pair	0.75 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	24 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 8 pair 1.0 mm ²	Instrumentation	8 pair	1.0 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	25 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 8 pair 1.5 mm ²	Instrumentation	8 pair	1.5 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	25 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 12 pair 0.75 mm ²	Instrumentation	12 pair	0.75 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	29 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 12 pair 1.0 mm²	Instrumentation	12 pair	1.0 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	30 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 12 pair 1.5 mm²	Instrumentation	12 pair	1.5 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	30 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 24 pair 0.75 mm²	Instrumentation	24 pair	0.75 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	45 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 24 pair 1.0 mm²	Instrumentation	24 pair	1.0 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	45 mm
IEC 60092-376 instrumentation cable Instrumentation 150/250 V, 250 V or 300/500 V 24 pair 1.5 mm²	Instrumentation	24 pair	1.5 mm ²	150/250 V, 250 V or 300/500 V	Flame retardant, low smoke and halogen-free sheath options	46 mm

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