



### JAPANESE SHIPBOARD CABLE

JIS C 3410

18 orderable sizes

<b>STANDARD</b> <b>JIS C 3410</b>	<b>VOLTAGE CLASS</b> <b>Shipboard low-voltage and customer-specified ratings</b>	<b>CONDUCTOR</b> <b>Tinned copper conductor</b>
<b>INSULATION / JACKET</b> <b>Marine-grade PVC, SHF1 or SHF2</b>		

### Construction

- 1 ■ Conductor (per core) – 0.75 mm<sup>2</sup> · 24 × Ø0.2 mm · IEC 60228 cl.5
- 2 ■ Pair insulation – EPR, XLPE or PVC according to cable type
- 3 ■ Filler – Bedding / filler
- 4 ■ Overall screen (OS) – Al/polyester foil + drain
- 5 ■ Sheath – Marine-grade PVC, 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
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 1 pair 0.75 mm <sup>2</sup>	Instrumentation	1 pair	0.75 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	15 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 1 pair 1.0 mm <sup>2</sup>	Instrumentation	1 pair	1.0 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	15 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 1 pair 1.5 mm <sup>2</sup>	Instrumentation	1 pair	1.5 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	16 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 2 pair 0.75 mm <sup>2</sup>	Instrumentation	2 pair	0.75 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	16 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 2 pair 1.0 mm <sup>2</sup>	Instrumentation	2 pair	1.0 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	17 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 2 pair 1.5 mm <sup>2</sup>	Instrumentation	2 pair	1.5 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	17 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 4 pair 0.75 mm <sup>2</sup>	Instrumentation	4 pair	0.75 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	19 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 4 pair 1.0 mm <sup>2</sup>	Instrumentation	4 pair	1.0 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	19 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 4 pair 1.5 mm <sup>2</sup>	Instrumentation	4 pair	1.5 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	20 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 8 pair 0.75 mm <sup>2</sup>	Instrumentation	8 pair	0.75 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	24 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 8 pair 1.0 mm <sup>2</sup>	Instrumentation	8 pair	1.0 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	25 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 8 pair 1.5 mm <sup>2</sup>	Instrumentation	8 pair	1.5 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	25 mm

Cable reference	Circuit type	Core / pair design	Conductor size	Voltage class	Fire / mud behavior	OD guide
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 12 pair 0.75 mm <sup>2</sup>	Instrumentation	12 pair	0.75 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	29 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 12 pair 1.0 mm <sup>2</sup>	Instrumentation	12 pair	1.0 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	30 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 12 pair 1.5 mm <sup>2</sup>	Instrumentation	12 pair	1.5 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	30 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 24 pair 0.75 mm <sup>2</sup>	Instrumentation	24 pair	0.75 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	45 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 24 pair 1.0 mm <sup>2</sup>	Instrumentation	24 pair	1.0 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	45 mm
JIS C 3410 shipboard cable Instrumentation Shipboard low-voltage and customer-specified ratings 24 pair 1.5 mm <sup>2</sup>	Instrumentation	24 pair	1.5 mm <sup>2</sup>	Shipboard low-voltage and customer-specified ratings	Marine flame retardant sheath options	46 mm

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