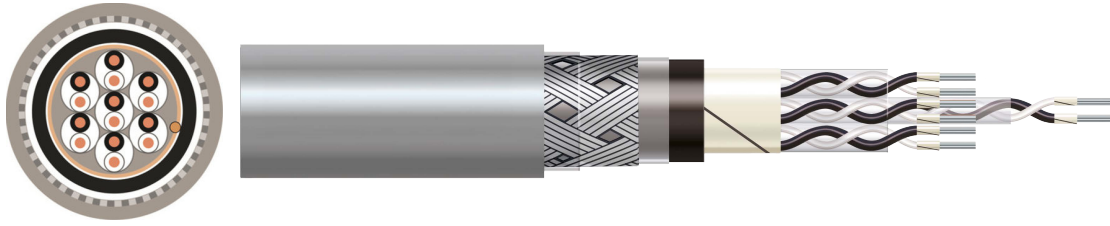



BS7917 INSTRUMENTATION



Our high-quality, elastomer insulated, fire-resistant Instrumentation cables are designed to meet BS7917 for fixed wiring in marine environments. These cables ensure limited circuit integrity even in the event of a fire, surpassing the requirements of BS6883. These cables offer comprehensive coverage for marine applications, providing safety and reliability in instrumentation circuits. The commitment to promoting fire resistance aligns with the core objectives of BS7917, guaranteeing superior protection in critical situations.

CONDUCTOR	Tinned Copper
STRANDING	Class 2
INSULATION	EPR
ARMOUR	Galvanised Steel Wire Braid
OUTERSHEATH	HFFR (Halogen Free Flame Retardant)
OUTERSHEATH COLOUR	Black, Blue, Grey
RATED VOLTAGE	250V
CORE IDENTIFICATION	Pairs: black, white and numbered
OPERATING TEMPERATURE	90°C
STANDARDS	BS 7917, IEC/EN 60331-1/2
APPROVALS	

SPECIFICATION DATA

ELECTRICAL CHARACTERISTICS

Nominal Cross Sectional Area mm ²	Maximum insulation resistance at 20°C Amps	Inductance	Capaitance pF/m	L/R Ratio at 1kHz µh/ohms
0.75	930	0.75	130	25
1	827	0.73	140	25
1.5	729	0.68	160	40

CONDUCTORS

Nominal Cross Sectional Area mm ²	Maximum Diameter of wires in conductor mm	Maximum Resistance of conductor at 20°C ohms/km Metal-coated Wires
0.5	0.21	26.7
0.75	0.21	20
1	0.26	13.7
1.5	0.26	8.21

DIMENSIONS

BATT Part No	Cores	Nominal Cross Sectional Area mm ²	Screen Type	Approx overall diameter	Weight
67715	1 Pair	1.5	CAM	14.5	318
67486	1 Pair	2.5	CAM	15.1	334
67712	1 Triple	1.5	CAM	15.1	329
67149	2 Pair	1.5	CAM	20.7	558
67700	2 Pair	1.5	IAM/CAM	21.2	616
67583	2 Pair	2.5	CAM	21	585
67313	3 Pair	1.5	IAM/CAM	22.5	579
67779	5 Pair	1.5	CAM	26	899
67746	7 Pair	1.5	CAM	24	951
67056	10 Pair	1.5	CAM	34.5	1482
68444	7 Triples	1.5	IAM/CAM	30.5	1430

The information in this datasheet is for guidance only and subject to change without liability. Images provided are representations; actual cable dimensions may vary due to manufacturing tolerances.

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