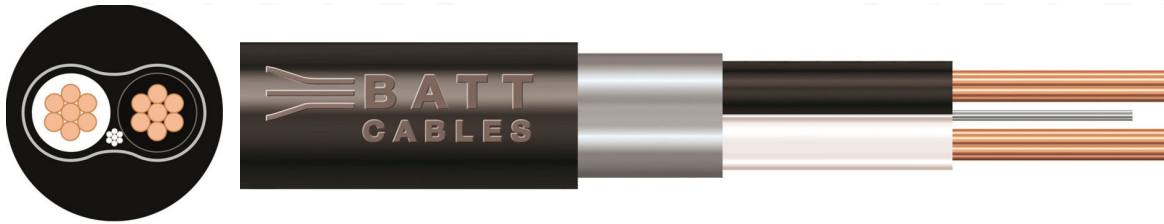


RE-2Y(ST)H INSTRUMENTATION CABLE



Tailored for analogue and digital communication and control systems, our EN50288-7 Instrumentation cables feature a robust construction and superior electrical transmission properties, ensuring flawless connectivity and performance. Engineered to comply with BS EN 50288-7 standards, they cater to diverse applications, from process plants to petrochemical industries. Withstanding electromagnetic interference, our cables assure uninterrupted signal transmission in instrumentation, control, and communication systems. Available in various configurations to meet specific needs, including collectively and/or individually screened pairs or triples, PVC or LSZH sheaths, a range of armouring options, and fire-resistant variants, our cables offer unparalleled versatility and adaptability for any environment. Elevate your systems with our reliable solutions.

CONDUCTOR	Plain Copper
STRANDING	Class 2
INSULATION	PE
COLLECTIVE SCREEN	Collective Aluminium Mylar
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	300V
CORE IDENTIFICATION	Pairs: white, black and numbered
OPERATING TEMPERATURE	70°C
STANDARDS	EN 50288-7, IEC 60228, IEC 60332-1, IEC 60332-3-24

SPECIFICATION DATA

ELECTRICAL CHARACTERISTICS

Nominal Cross Sectional Area mm ²	Mutual Capacitance pF/m Multi-core	Mutual Capacitance pF/m Multi-pair	Mutual Capacitance pF/m PIMF	Mutual Capacitance pF/m TIMF	Minimum Insulation Resistance at 20°C Mohms/km	Maximum L/R Ratio µH/ohms
0.5	115	65	100	100	5000	25
0.75	115	65	100	100	5000	25
1	115	65	100	100	5000	25
1.3	-	75	100	100	5000	40
1.5	115	75	100	100	5000	40
2.5	115	-	-	-	5000	40

DIMENSIONS

BATT Part No	Cores	Nominal cross sectional area of conductor	Colour	Approx overall diameter	Weight
85382	1 Pair	0.75	Blue	6.2	52
85377	1 Pair	0.75	Black	6.2	52
85398	1 Pair	1.3	Black	7.2	73
85400	2 Pair	1.3	Blue	10.3	127
85401	2 Pair	1.3	Blue	10.3	127
85407	4 Pair	1.3	Blue	11.9	198
85402	4 Pair	1.3	Black	11.9	198

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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