

RE-2X(ST)YSWBY 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 LSZA 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	XLPE
COLLECTIVE SCREEN	Collective Aluminium Mylar
BEDDING	PVC
ARMOUR	Steel Wire Braid
OUTERSHEATH	PVC
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	500V
CORE IDENTIFICATION	Pair I.D.: Black, White & Nod Triple I.D.: Black, White & Red
MINIMUM BENDING RADIUS	10 x overall diameter
OPERATING TEMPERATURE	-30°C to +90°C
STANDARDS	EN50288-7:2005, IEC60332-3.

SPECIFICATION DATA

BATT Part No Black	BATT Part No. Blue	No of pairs	Nominal cross sectional area of conductor (mm)	Diameter over insulation (mm)	Diameter inner sheath (mm)	Diameter over armour (mm)	Approx overall diameter (mm)	Max conductor resistance (ohm/km)	Min insulation resistance (ohm/km)
86687	86686	1	0.75	1.95	5.4	6.6	9.2	24.3	114.27
86697	86698	1	1.3	2.35	6.2	7.4	9.7	14.0	31.26
86904	86905	2	0.75	1.95	8.2	9.4	11.7	24.3	114.27
86916	86917	2	1.3	2.35	9.5	10.7	13	14.0	281.4
86906	86907	4	0.75	1.95	9.5	10.7	13	24.0	114.27
86908	86909	4	1.3	2.35	11.2	12.4	14.7	14.0	281.4
86910	86911	8	0.75	1.95	12.7	13.9	16.2	24.3	114.27
86912	86913	12	0.75	1.95	15.3	16.5	18.8	24.3	114.27

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.

www.battcables.com | 01322 441165

©2024 Batt Cables Limited

