

RE-2X(ST)YSWBY-PIMF 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
INDIVIDUAL SCREEN	Individual Aluminium Mylar
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
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)	Nominal diameter over insulation (mm)	Nominal diameter inner sheath (mm)	Nominal diameter over armour (mm)	Overall diameter (mm)	Max conductor resistance (ohm/km)	MMin insulation resistance (ohm/km)
86685	-	2	0.75	1.95	9.2	10.4	12.7	24.3	114.27
86695	86696	2	1.3	2.35	10.7	11.9	14.2	14.0	281.4
86694	-	4	0.75	1.95	10.8	12	14.3	24.3	114.27
86692	86691	4	1.3	2.35	12.6	13.8	16.1	14.0	281.4
-	86901	8	0.75	1.95	14.5	15.7	18	24.3	114.27
86683	86682	8	1.3	2.35	16.9	18.1	20.4	14.0	281.4
86765	-	12	0.75	1.95	17.5	18.7	21	24.3	114.27
86681	86680	12	1.3	2.35	20.6	21.8	24.1	14.1	281.4
86914	-	16	0.75	1.95	19.6	20.8	23.1	24.3	114.27
86977	86690	16	1.3	2.35	23	5.2	26.5	14.1	281.4
86915	-	24	0.75	1.95	24.5	25.7	28	24.3	114.27
86925	86688	24	1.3	2.35	28.9	30.1	32.4	14.1	281.4
86927	-	36	1.3	-	-	-	-	-	-

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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