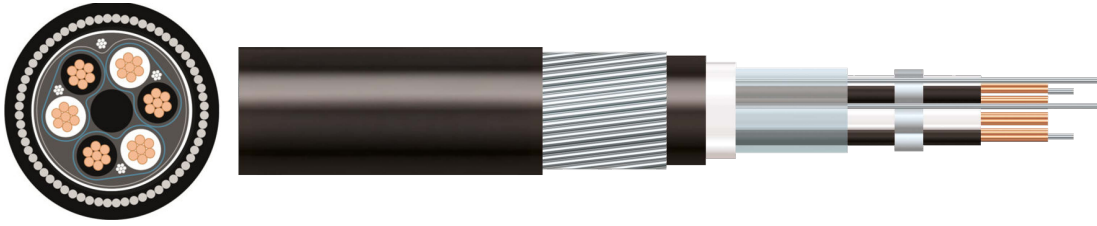


RE-2X(ST)YSWAY-PIMF INSTRUMENTATION CABLE



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 Armour
OUTERSHEATH	PVC
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	500V
CORE IDENTIFICATION	Pair: Black & white numbered Triple: Black, white and red numbered
OPERATING TEMPERATURE	-30C to +90C
STANDARDS	EN50288-7:2005 ; IEC60332-3

SPECIFICATION DATA

BATT Part No	Number of Pairs or Triples	Size (mm)	Colour	Diameter over Insulation (mm)	Nominal Thickness of Inner Sheath (mm)	Nominal Armour Wire Diameter (mm)	Diameter Over Armour (mm)	Nominal Thickness of Outer Sheath (mm)	Diameter Over Sheath (mm)	Min Conductor Resistance (OHM/KM)	Weight
85992	2 Pair	0.75	Black	1.95	1.1	0.9	11.2	1.5	14	24.4	290
86652	2 Pair	0.75	Blue	1.95	1.1	0.9	11.2	1.5	14	24.4	290
86435	2 Pair	1.0	Black	2.14	1.1	0.9	11.9	1.5	14.8	18.8	455
86653	2 Pair	1.0	Blue	2.14	1.1	0.9	11.9	1.5	14.8	18.8	455
85982	2 Pair	1.5	Black	2.43	1.2	0.9	13	1.5	17.8	12.4	516
86654	2 Pair	1.5	Blue	2.43	1.2	0.9	13	1.5	17.8	12.4	516
86436	4 Pair	1.0	Black	2.14	1.2	0.9	13.7	1.5	16.7	18.8	586
86657	4 Pair	1.0	Blue	2.14	1.2	0.9	13.7	1.5	16.7	18.8	586
85983	4 Pair	1.5	Black	2.43	1.2	1.25	15	1.6	18.1	12.4	650
86441	4 Pair	1.5	Blue	2.43	1.2	1.25	15	1.6	18.1	12.4	650
86437	5 Pair	1.5	Black	2.43	1.3	1.25	16.4	1.7	19.5	12.4	773
86658	5 Pair	1.5	Blue	2.43	1.3	1.25	16.4	1.7	19.5	12.4	773
86630	6 Pair	1.0	Black	2.14	1.3	1.25	16.2	1.6	19.3	18.8	718
86863	6 Pair	1.5	Black	2.43	1.3	1.25	18.6	1.7	21.8	12.4	1045
86862	6 Pair	1.5	Blue	2.43	1.3	1.25	18.6	1.7	21.8	12.4	1045
85984	8 Pair	1.5	Black	2.43	1.4	1.25	20.4	1.7	22.2	12.4	951
86661	8 Pair	1.5	Blue	2.43	1.4	1.25	20.4	1.7	22.2	12.4	951
86439	10 Pair	1.5	Black	2.43	1.5	1.25	23.4	1.8	26.9	12.4	1376
86662	10 Pair	1.5	Blue	2.43	1.5	1.25	23.4	1.8	26.9	12.4	1376
85985	12 Pair	1.5	Black	2.43	1.6	1.25	24.2	1.9	27.87	12.4	1600
86414	12 Pair	1.5	Blue	2.43	1.6	1.25	24.2	1.9	27.87	12.4	1600
86438	16 Pair	1.5	Black	2.43	1.7	1.6	26.8	2.0	30.5	12.4	2019
85986	24 Pair	1.5	Black	2.43	1.9	1.6	34.4	2.1	39.0	12.3	2809
85979	2 Triple	1.5	Black	2.43	1.2	0.9	16.1	1.6	19.1	12.3	496
85980	4 Triple	1.5	Black	2.43	1.3	1.25	18	1.7	21.7	12.3	762
85981	8 Triple	1.5	Black	2.43	1.5	1.25	23.5	1.8	27.5	12.3	1406
85978	12 Triple	1.5	Black	2.43	1.7	1.6	29.7	2.0	34.3	12.3	1836

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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