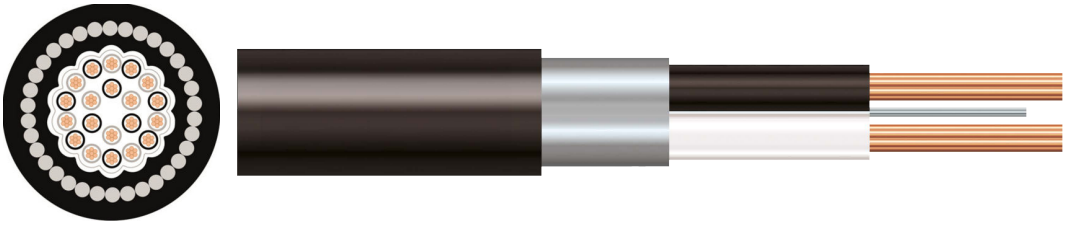
RE-2X(ST)HSWAH INSTRUMENTATION CABLE



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	XLPE
COLLECTIVE SCREEN	Collective Aluminium Mylar
BEDDING	LSZH
ARMOUR	Steel Wire Armour
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	500V
CORE IDENTIFICATION	See table
OPERATING TEMPERATURE	80°C
STANDARDS	EN 50288-7, EN 50288-1, EN 60228, IEC 60332-1-2, IEC 60332-3-24, IEC 60754-1/2, IEC 61034-2

SPECIFICATION DATA

BATT Part No Blue	BATT Part No Black	Core indentification	No of Pairs/triple	Nominal cross sectional area of conductor (mm2)	Approx overall diameter
86489	-	Black + White	1pr	1.5	10.8
86724	86719	Blue + Black Numbered	1pr	1.5	10.8
-	86986	Black, White, Red	1trp	1.5	11.3
-	8674	Black, White Numbered	2pr	1.5	14.4
86726	-	Blue + Black Numbered	10pr	1.5	23.7

CONDUCTORS

Nominal cross sectional area (mm2)	Maximum DC resistance of conductor at 20°C (ohms/km)
1.5	12.42

ELECTRICAL CHARACTERISTICS

Nominal cross sectional area (mm2)	Mutal capacitance (pF/m) - 1P/2P	Mutal capacitance (pF/m) - 10p	Minimum insulation resistance at 20°C (Gohms/km)	Maximum L/R ratio (µH/ohms)
1.5	120	85	>10	40

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