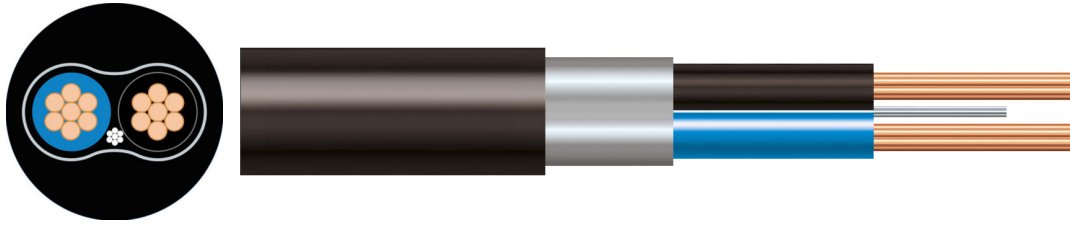


PAS/BS 5308 CAM PART 1 TYPE 1 LSZH INSTRUMENTATION CABLE



Instrumentation cables, manufactured to PAS5308 standards, renowned for their reliability in communication and instrumentation applications within process industries. These cables transmit analogue or digital signals from various sensors and transducers and are designed with insulated and sheathed configurations, complying with BS5308 and PAS5308 standards.

Primarily used for indoor installations in industrial process plants and for data and voice transmission services, these cables also serve for interconnecting electrical equipment and instruments, especially in process plants. Widely utilized in the petrochemical industry and other industrial sectors, they come with collective aluminium tape screening or individual and collective aluminium tape screens to prevent electrical interference and crosstalk.

The cables feature Low Smoke Zero Halogen sheathing, ensuring safety and minimal environmental impact in case of fire. While commonly known as BS5308 cables, they are now manufactured to the replacement standard PAS5308, meeting modern industry standards for safety and performance.

CONDUCTOR	Plain Copper
STRANDING	See Spec. Table
INSULATION	XLPE
COLLECTIVE SCREEN	Collective Aluminium Mylar
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	500V
MINIMUM BENDING RADIUS	6 X OD
OPERATING TEMPERATURE	-50C/90C
STANDARDS	BS EN 60332-3-Cat C

SPECIFICATION DATA

BATT Part No	Pairs (uds)	Size (mm)	Conductor Class	Colour	Radial thickness of insulation (mm)	Radial thickness of Inner Sheath (mm)	Ø Over Inner Sheath (mm)	Ø of Amroure Wire (Nom.) (mm)	RT of Outer Sheath (Nom.) (mm)	Overall Diameter (mm)	Weight (KG)
85280	1	0.5	5	Black	0.6	-	-	-	0.8	6.1	56
86187	1	0.5	5	Blue	0.6	-	-	-	0.8	6.1	56
85176	1	0.75	5	Black	0.6	-	-	-	0.8	6.5	72
85277	1	0.75	5	Blue	0.6	-	-	-	0.8	6.5	72
86542	1	1.5	2	Black	0.6	-	-	-	0.8	7.4	91
85773	1	1.5	2	Blue	0.6	-	-	-	0.8	7.4	91
86188	1 (Triple)	0.75	5	Black	0.6	-	-	-	0.8	6.85	74
85805	1 (Triple)	0.75	5	Blue	0.6	-	-	-	0.8	6.85	74
85420	2 (Quad)	0.5	5	Black	0.6	-	-	-	0.8	6.96	73
86189	2 (Quad)	0.5	5	Blue	0.6	-	-	-	0.8	6.96	73
85121	2 (Quad)	0.75	5	Black	0.6	-	-	-	0.8	7.44	88
85455	2 (Quad)	0.75	5	Blue	0.6	-	-	-	0.8	7.44	88
85699	2 (Quad)	1.5	2	Black	0.6	-	-	-	0.8	7.44	90
86190	2 (Quad)	1.5	2	Blue	0.6	-	-	-	0.8	7.44	90
86350	3	0.5	5	Black	0.6	-	-	-	0.9	9.87	103
85357	3	0.75	5	Black	0.6	-	-	-	0.9	10.6	123
85781	3	0.75	5	Blue	0.6	-	-	-	0.9	10.6	123
85177	5	0.5	5	Black	0.6	-	-	-	1.1	12.26	150
86191	5	0.5	5	Blue	0.6	-	-	-	1.1	12.26	150
85122	5	0.75	5	Black	0.6	-	-	-	1.2	13.38	186
86192	5	0.75	5	Blue	0.6	-	-	-	1.2	13.38	186
85693	5	1.5	2	Black	0.6	-	-	-	1.2	15.45	280
85948	5	1.5	2	Blue	0.6	-	-	-	1.2	15.45	280
85330	10	0.5	5	Black	0.6	-	-	-	1.2	16.24	259
86199	10	0.5	5	Blue	0.6	-	-	-	1.2	16.24	259
85146	10	0.75	5	Black	0.6	-	-	-	1.3	17.72	323
86193	10	0.75	5	Blue	0.6	-	-	-	1.3	17.72	323
85694	10	1.5	2	Black	0.6	-	-	-	1.3	20.6	505
85949	10	1.5	2	Blue	0.6	-	-	-	1.3	20.6	505
85421	20	0.5	5	Black	0.6	-	-	-	1.4	23.46	542
86194	20	0.5	5	Blue	0.6	-	-	-	1.4	23.46	542
85147	20	0.75	5	Black	0.6	-	-	-	1.5	23.46	587
86195	20	0.75	5	Blue	0.6	-	-	-	1.5	23.46	587
85847	20	1.5	2	Black	0.6	-	-	-	1.5	27.38	941
86196	30	0.5	5	Black	0.6	-	-	-	1.5	26.03	667
85153	30	0.75	5	Black	0.6	-	-	-	1.5	28.16	826

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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