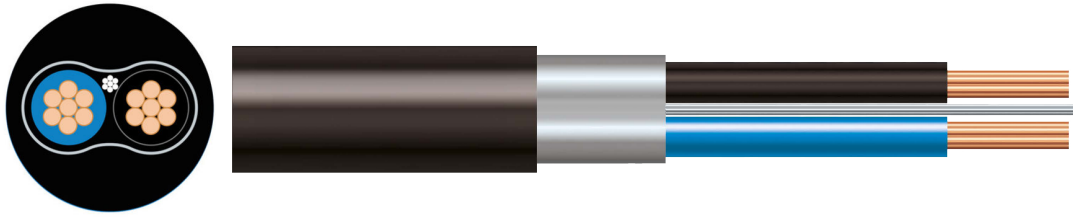


PAS/BS 5308 CAM PART 1 TYPE 1 INSTRUMENTATION CABLE



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.

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	PE
COLLECTIVE SCREEN	Collective Aluminium Mylar
OUTERSHEATH	PVC
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	500V
CORE IDENTIFICATION	Triad Cable: Black, Blue, Green Quad Cable: Black, Blue, Green, Brown 1 Pair to 30 Pair: 1 Black & Blue 2 Black & Green 3 Blue & Green 4 Black & Brown 5 Blue & Brown 6 Green & Brown 7 Black & White 8 Blue & White 9 Green & White 10 Brown & White 11 Black & Red 12 Blue & Red 13 Green & Red 14 Brown & Red 15 White & Red 16 Black & Orange 17 Blue & Orange 18 Green & Orange 19 Brown & Orange 20 White & Orange 21 Red & Orange 22 Black & Yellow 23 Blue & Yellow 24 Green & Yellow 25 Brown & Yellow 26 White & Yellow 27 Red & Yellow 28 Orange & Yellow 29 Black & Grey 30 Blue & Grey
MINIMUM BENDING RADIUS	6 X OD
OPERATING TEMPERATURE	-50C/70C
STANDARDS	BS5308 ; PE BS6234 ; 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 Armour Wire (Nom.) (mm)	RT of Outer Sheath (Nom.) (mm)	Overall Diameter (mm)	Weight (KG/KM)
85003	1	0.5	5	Black	0.6	-	-	-	0.8	6.1	58
85296	1	0.5	5	Blue	0.6	-	-	-	0.8	6.1	58
85071	1	0.75	5	Black	0.6	-	-	-	0.8	6.5	67
85240	1	0.75	5	Blue	0.6	-	-	-	0.8	6.5	67
85103	1	1.0	1	Black	0.6	-	-	-	0.8	6.5	72
85474	1	1.0	1	Blue	0.6	-	-	-	0.8	6.5	72
85626	1	1.5	2	Black	0.6	-	-	-	0.8	7.4	94
85772	1	1.5	2	Blue	0.6	-	-	-	0.8	7.4	94
86184	1 (Triple)	0.75	5	Blue	0.6	-	-	-	0.8	6.85	76
86185	1 (Triple)	1.5	2	Black	0.6	-	-	-	0.9	8.01	114
85800	1 (Triple)	1.5	2	Blue	0.6	-	-	-	0.9	8.01	114
85004	2 (Quad)	0.5	5	Black	0.6	-	-	-	0.8	6.96	76
85013	2 (Quad)	0.5	5	Blue	0.6	-	-	-	0.8	6.96	76
85581	2 (Quad)	0.75	5	Black	0.6	-	-	-	0.8	7.44	90
85580	2 (Quad)	0.75	5	Blue	0.6	-	-	-	0.8	7.44	90
85523	2 (Quad)	1.5	2	Black	0.6	-	-	-	0.9	8.73	139
85528	2 (Quad)	1.5	2	Blue	0.6	-	-	-	0.9	8.73	139
85023	5	0.5	5	Black	0.6	-	-	-	1.1	12.26	162
85117	5	0.5	5	Blue	0.6	-	-	-	1.1	12.26	162
85092	5	0.75	5	Black	0.6	-	-	-	1.2	13.38	206
85582	5	0.75	5	Blue	0.6	-	-	-	1.2	13.35	206
85384	5	1.5	2	Black	0.6	-	-	-	1.2	15.45	300
85571	5	1.5	2	Blue	0.6	-	-	-	1.2	15.45	300
85034	10	0.5	5	Black	0.6	-	-	-	1.2	16.24	260
85471	10	0.5	5	Blue	0.6	-	-	-	1.2	16.24	260
85585	10	0.75	5	Black	0.6	-	-	-	1.3	17.72	337
85584	10	0.75	5	Blue	0.6	-	-	-	1.3	17.72	337
85190	10	1.5	2	Blue	0.6	-	-	-	1.3	20.60	513
85035	20	0.5	5	Black	0.6	-	-	-	1.3	21.31	464
85517	20	0.5	5	Blue	0.6	-	-	-	1.3	21.31	464
85228	20	0.75	5	Black	0.6	-	-	-	1.5	23.46	611
85246	20	0.75	5	Blue	0.6	-	-	-	1.5	23.46	611
85516	30	0.5	5	Black	0.6	-	-	-	1.5	26.03	679
85518	30	0.5	5	Blue	0.6	-	-	-	1.5	26.03	679

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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