

PAS/BS 5308 CAM/IAM PART 1 TYPE 2 LSZH INSTRUMENTATION CABLE



Our instrumentation cables, manufactured to PAS5308 standards, ensure safety and reliability for communication and instrumentation applications in process industries, transmitting analogue or digital signals from various sensors and transducers. These cables, featuring steel wire armour (SWA), provide exceptional protection in aggressive environments.

Designed for indoor and outdoor installations in industrial process plants and for data and voice transmission services, they are also used to interconnect electrical equipment and instruments, particularly in process plants. These cables are widely utilized throughout the petroleum industry.

Additionally, the next lot of cables feature Low Smoke Zero Halogen sheathing, ensuring safety and minimal environmental impact in case of fire.

Type 2 armoured cables are suitable for direct burial installations.

CONDUCTOR	Plain Copper
STRANDING	See Spec. Table
INSULATION	XLPE
INDIVIDUAL SCREEN	Individual Aluminium Mylar
COLLECTIVE SCREEN	Collective Aluminium Mylar
BEDDING	LSZH
ARMOUR	Steel Wire Armour
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	500V
CORE IDENTIFICATION	Black & Blue Numbered Pairs
MINIMUM BENDING RADIUS	6 X OD
OPERATING TEMPERATURE	-15C / +90C
STANDARDS	PAS/ BS5308 ; BS EN 60332-3-Cat C ; BS EN 60228; IEC 60754-1 ; IEC 60754-2 ; IEC 61034

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 Amrou Wire (Nom.) (mm)	RT of Outer Sheath (Nom.) (mm)	Overall Diameter (mm)	Weight (kg/km)
85746	2	0.5	5	Black	0.6	0.9	9.78	0.9	1.4	14.38	368
85612	2	0.75	5	Black	0.6	0.9	10.46	0.9	1.4	15.06	398
85560	2	0.75	5	Blue	0.6	0.9	10.46	0.9	1.4	15.06	398
85081	2	1.5	2	Black	0.6	1.0	12.19	1.25	1.5	17.69	589
85379	2	1.5	2	Blue	0.6	1.0	12.19	1.25	1.5	17.69	589
85158	5	0.5	5	Black	0.6	1.0	12.8	1.25	1.5	18.3	619
85422	5	0.5	5	Blue	0.6	1.0	12.8	1.25	1.5	18.3	619
85598	5	0.75	5	Black	0.6	1.0	13.72	1.25	1.5	19.22	647
85110	5	0.75	5	Blue	0.6	1.0	13.72	1.25	1.5	19.22	647
85091	5	1.5	2	Black	0.6	1.1	15.99	1.25	1.6	21.69	868
85522	5	1.5	2	Blue	0.6	1.1	15.99	1.25	1.6	21.69	868
85106	10	0.5	5	Black	0.6	1.2	17.26	1.6	1.7	23.86	1061
85590	10	0.75	5	Black	0.6	1.2	18.54	1.6	1.7	25.14	1166
85017	10	0.75	5	Blue	0.6	1.2	18.54	1.6	1.7	25.14	1166
85216	10	1.5	2	Black	0.6	1.4	21.82	1.6	1.8	28.62	1517
85614	15	0.75	5	Black	0.6	1.4	21.77	1.6	1.8	28.57	1492
85591	20	0.75	5	Black	0.6	1.5	24.85	1.6	1.9	31.85	1796
85043	20	1.5	2	Black	0.6	1.6	28.98	2	2.1	37.18	2597

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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