

PAS/BS 5308 CAM 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.

The 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
COLLECTIVE SCREEN	Collective Aluminium Mylar
BEDDING	LSZH
ARMOUR	Steel Wire Armour
OUTERSHEATH	LSZH
OUTERSHEATH COLOUR	Black, Blue
RATED VOLTAGE	300/500V
CORE IDENTIFICATION	According to BS5308 part 1
OPERATING TEMPERATURE	90°C
STANDARDS	BS/PAS 5308, EN 60228

SPECIFICATION DATA

No. of Pairs/Triple	Nominal Cross Sectional Area	Nominal Overall Diameter
1 Pair	0.5	10.5
1 Pair	0.75	10.9
1 Pair	1.5	12
1 Pair	2.5	12.9
1 Triple	0.75	11.3
1 Triple	1.5	12.6
1 Quad	0.5	11.4
1 Quad	0.75	12
1 Quad	1.5	13.3
3 Pair	0.75	16.4
3 Pair	1.5	18.5
5 Pair	0.5	17
5 Pair	0.75	18.7
5 Pair	1.5	21.7
10 Pair	0.5	23.9
10 Pair	0.75	24
10 Pair	1.5	27.4
10 Pair	2.5	30.7
8 Triple	0.75	-
15 Pair	0.75	28.6
20 Pair	0.5	28.1
20 Pair	0.75	30.3
20 Pair	1.5	34.6
30 Pair	0.5	33
30 Pair	0.75	35.4

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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