



PAS5308 Pt1 Ty1 ICAT (BS5308)

Individual & Collective Screened Non-Armoured Instrumentation Cable



DESCRIPTION

Conductor: Plain annealed Cu, **Insulation:** PE (Part 1) insulation, Each pair individually screened with aluminium mylar foil tape complete with 0.5sqmm drain wire, **Metallic Screen:** Collective aluminium Mylar foil tape screen complete with 0.5sqmm drain wire, **Sheath:** PVC sheathed, **Sheath Colour:** Black or Blue

APPLICATION

Publicly Available Specification PAS5308 is the replacement standard for the previous BS5308 range of cables. Primarily used for instrumentation and communication systems in the oil, gas & petro-chemical industry, building management systems, power generators and waste water treatment plants.

TECHNICAL DATA

Voltage Grade: 300/500v

Temperature Range: -20°C to +65°C
(Minimum Installation Temp 0°C)

Minimum Bending Radius: 6xOD
(may vary depending on factory of origin)

Approvals: PAS5308 (formerly BS5308),
IEC60332-3-24

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No. of Pairs	Size	Stranding	Approx. OD	Weight
	mm ²	mm	mm	Kg/Km
2	0.5	16/0.2	11.4	135
5	0.5	16/0.2	13.5	225
10	0.5	16/0.2	21.3	410
20	0.5	16/0.2	26.6	655
2	0.75	24/0.2	12.1	185
5	0.75	24/0.2	15.7	305
10	0.75	24/0.2	22.1	495
20	0.75	24/0.2	29.2	900
30	0.75	24/0.2	35.0	1275
50	0.75	24/0.2	44.4	2055
2	1.5	7/0.53	13.9	225
5	1.5	7/0.53	18.1	390
10	1.5	7/0.53	25.8	665
20	1.5	7/0.53	33.9	1195

ALL FIGURES QUOTED ARE APPROXIMATE

Core ID Type 1											
Pair	A Wire	B Wire	Pair	A Wire	B Wire	Pair	A Wire	B Wire	Pair	A Wire	B Wire
1	Black	Blue	14	Brown	Red	27	Red	Yellow	40	Brown	Violet
2*	Black	Green	15	White	Red	28	Orange	Yellow	41	White	Violet
3	Blue	Green	16	Black	Orange	29	Black	Grey	42	Red	Violet
4	Black	Brown	17	Blue	Orange	30	Blue	Grey	43	Orange	Violet
5	Blue	Brown	18	Green	Orange	31	Green	Grey	44	Yellow	Violet
6	Green	Brown	19	Brown	Orange	32	Brown	Grey	45	Grey	Violet
7	Black	White	20	White	Orange	33	White	Grey	46	Black	Turquoise
8	Blue	White	21	Red	Orange	34	Red	Grey	47	Blue	Turquoise
9	Green	White	22	Black	Yellow	35	Orange	Grey	48	Green	Turquoise
10	Brown	White	23	Blue	Yellow	36	Yellow	Grey	49	Brown	Turquoise
11	Black	Red	24	Green	Yellow	37	Black	Violet	50	White	Turquoise
12	Blue	Red	25	Brown	Yellow	38	Blue	Violet			
13	Green	Red	26	White	Yellow	39	Green	Violet			
Individually Screened Pairs			Black/Blue numbered pairs								
* 2pr laid up as 1 quad			Black, Blue, Green, Brown								

E&OE. Manufacturers reserve the right to amend the specification without prior notice.

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Head Office (Bolton): • Tel: +44 (0) 1942 840 200 • E-Mail: sales@cable-world.co.uk

London Branch: • Tel: +44 (0) 203 960 9389 • E-Mail: sales.london@cable-world.co.uk



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