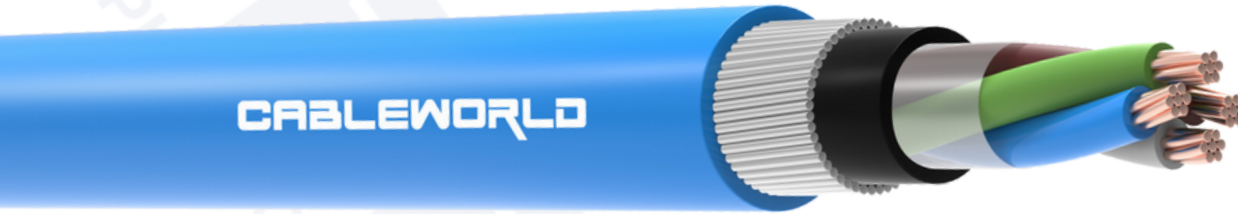
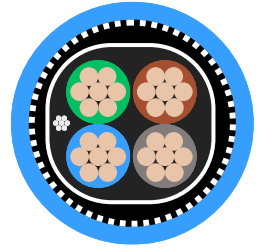




PAS5308 Pt1 Ty2 CAT (BS5308)

Collective Screened Armoured Instrumentation Cable



DESCRIPTION

Conductor: Plain annealed Cu conductor, **Insulation:** Polyethylene (Part 1) insulation, **Metallic Screen:** Collective aluminium mylar foil tape screen complete with 0.5sqmm drain wire, **Bedding:** Polyethylene (PE) bedding, **Armour:** Galvanised steel wire armour (Type 2), **Sheath:** Polyvinyl Chloride (PVC) outer sheath, **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 & petrochemical 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

TDS 1 OF 2



PAS5308 Pt1 Ty2 CAT (BS5308)

Collective Screened Armoured Instrumentation Cable

No. of Pairs	Size	Stranding	Approx. OD	Weight
	mm ²	mm	mm	Kg/Km
1	0.5	16/0.2	11.1	210
1 TRIPLE	0.5	16/0.2	11.3	235
2	0.5	16/0.2	11.9	265
5	0.5	16/0.2	17.6	480
10	0.5	16/0.2	22.6	820
20	0.5	16/0.2	28.8	1375
1	0.75	24/0.2	11.4	245
1 TRIPLE	0.75	24/0.2	11.8	275
2	0.75	24/0.2	12.6	295
5	0.75	24/0.2	19.0	615
10	0.75	24/0.2	24.9	1100
20	0.75	24/0.2	30.9	1595
30	0.75	24/0.2	37.2	2310
50	0.75	24/0.2	46.2	3850
1	1.0	1/1.13	11.8	235
2	1.0	1/1.13	13.0	285
5	1.0	7/1.13	19.7	585
10	1.0	7/1.13	24.3	975
1	1.5	7/0.53	12.6	310
1 TRIPLE	1.5	7/0.53	13.0	360
2	1.5	7/0.53	14.0	395
5	1.5	7/0.53	21.8	860
10	1.5	7/0.53	28.1	1485
20	1.5	7/0.53	35.4	2425
30	1.5	7/0.53	41.2	3030
50	1.5	7/0.53	53.4	5040
1	2.5	7/0.67	13.1	365

ALL FIGURES QUOTED ARE APPROXIMATE

Note: 2pr collective screened cables are laid up in 1 quad formation.

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

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