

PAS/BS 5308 CAM/IAM PART 1 TYPE 2 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.

Type 2 armoured cables are suitable for direct burial installations.

CONDUCTOR	Plain Copper
STRANDING	See Spec. Table
INSULATION	PE
INDIVIDUAL SCREEN	Individual Aluminium Mylar
COLLECTIVE SCREEN	Collective Aluminium Mylar
BEDDING	PE
ARMOUR	Steel Wire Armour
OUTERSHEATH	PVC
CORE IDENTIFICATION	Black & Blue Numbered Pairs
MINIMUM BENDING RADIUS	6 X OD
OPERATING TEMPERATURE	-50C / +70C
STANDARDS	BS5308 ; 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 Amroure Wire (Nom.) (mm)	RT of Outer Sheath (Nom.) (mm)	Overall Diameter (mm)	Weight (KG/KM)
85002	2	0.5	5	Black	0.6	0.9	9.78	0.9	1.4	14.38	350
85015	2	0.5	5	Blue	0.6	0.9	9.78	0.9	1.4	14.38	350
85254	2	0.75	5	Black	0.6	0.9	10.46	0.9	1.4	15.06	379
85253	2	0.75	5	Blue	0.6	0.9	10.46	0.9	1.4	15.06	379
85404	2	1.0	1	Black	0.6	0.9	10.46	0.9	1.4	15.06	388
85107	2	1.0	1	Blue	0.6	0.9	10.46	0.9	1.4	15.06	388
85115	2	1.5	2	Black	0.6	1.0	12.19	1.25	1.5	17.69	562
85019	2	1.5	2	Blue	0.6	1.0	12.19	1.25	1.5	17.69	562
85111	5	0.5	5	Black	0.6	1.0	12.8	1.25	1.5	18.3	604
85018	5	0.5	5	Blue	0.6	1.0	12.8	1.25	1.5	18.3	604
85257	5	0.75	5	Black	0.6	1.0	13.72	1.25	1.5	19.22	672
85165	5	0.75	5	Blue	0.6	1.0	13.72	1.25	1.5	19.22	672
85324	5	1.0	2	Black	0.6	1.0	14.64	1.25	1.5	20.14	737
86198	5	1.0	2	Blue	0.6	1.0	14.64	1.25	1.5	20.14	737
85217	5	1.5	2	Black	0.6	1.1	15.99	1.25	1.6	21.69	850
85033	5	1.5	2	Blue	0.6	1.1	15.99	1.25	1.6	21.69	850
85281	10	0.5	5	Black	0.6	1.2	17.26	1.6	1.7	23.86	1039
85047	10	0.5	5	Blue	0.6	1.2	17.26	1.6	1.7	23.86	1039
85104	10	0.75	5	Blue	0.6	1.2	18.54	1.6	1.7	25.14	1143
85332	10	1.0	2	Black	0.6	1.2	19.82	1.6	1.7	26.42	1277
85326	10	1.0	2	Blue	0.6	1.2	19.82	1.6	1.7	26.42	1277
85152	10	1.5	2	Black	0.6	1.4	21.82	1.6	1.8	28.62	1482
85055	10	1.5	2	Blue	0.6	1.4	21.82	1.6	1.8	26.82	1482
85325	20	0.5	5	Black	0.6	1.4	22.91	1.6	1.9	29.91	1562
85098	20	0.75	5	Black	0.6	1.5	24.85	1.6	1.9	31.85	1754
85304	20	0.75	5	Blue	0.6	1.5	24.85	1.6	1.9	31.85	1754
85087	30	0.5	5	Blue	0.6	1.6	27.94	1.6	2.0	35.14	2057

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.

