

RE-2X(st)YSWB/CAM/GSWB/PVC Instrumentation Cable

Description:	Instrument cable, overall screen and armoured. Suitable for direct burial.
Conductor:	IEC 60228, class 2, bare copper
Insulation:	XLPE
Pair identification	Black / White with progressive numbered on white core
Insulation thickness:	0.43mm
Screen:	Polyester tape 23µm Tinned copper drain wire (7 x 0.3mm – 0.5mmq) Aluminium / Polyester tape 25/23 µmm with 25% overlap
Inner sheath:	PVC Flame retardant
Armour:	Galvanised steel wire braid, coverage 85%
Outer Jacket:	PVC Flame retardant
Operated temperature, fixed install:	-30°C / +90°C
Designation:	RE: Instrumentation cable 2X: XLPE insulation (st): Collective screen Y: PVC Inner sheath SWB: Steel wire braid Y: PVC Outer sheath
Standards:	EN50288-7:2005 Multi-element metallic cables used in analogue and digital communication and control. Part 7 - sectional specification for instrumentation and control cables. Flame retardant to IEC60332-3, Oil resistant to ICEA S-82-552, UV resistant to UL 1581. This cable type is suitable for use in Zone 1 and Zone 2 only when installed with the correct ATEX Approved Accessories/Equipment



No of pairs	Size sqmm	Diameter over insulation mm	Diameter inner sheath mm	Diameter over armour mm	Overall diameter mm	Max conductor resistance Ohm/km	Min insulation resistance GOhm/km	Batt Part Number Black	Batt Part Number Blue
1	0.75	1.95	5.4	6.6	9.2	24.3	114.27	86687	86686
2	0.75	1.95	8.2	9.4	11.7	24.3	114.27	86904	86905
4	0.75	1.95	9.5	10.7	13	24.0	114.27	86906	86907
8	0.75	1.95	12.7	13.9	16.2	24.3	114.27	86910	86911
12	0.75	1.95	15.3	16.5	18.8	24.4	114.27	86912	86913
16	0.75	1.95	17.1	18.3	20.6	24.0	114.27	-	-
24	0.75	1.95	21.4	22.6	24.9	24.0	114.27	-	-
1	1.3	2.35	6.2	7.4	9.7	14.0	31.26	86697	86698
2	1.3	2.35	9.5	10.7	13	14.0	281.4	86916	86917
3 trp	1.3	2.4	7.0	8.2	10.9	14.0	281.4	86926	86920
4	1.3	2.35	11.2	12.4	14.7	14.0	281.4	86908	86909
16	1.3	2.35	17.1	18.3	20.6	14.0	281.4	-	-
24	1.3	2.35	21.4	22.6	24.9	14.0	281.4	-	-
12 trp	1.3	2.4			29.9	14.0	281.4	86939	
12 pr	1.3	2.35			11.8	14.0	281.4	86942	
24 pr	1.3	2.35			34.5	14.0	281.4	86948	
6 pr	1.3	2.35			20.9	14.0	281.4	-	