

Instrumentation & Data Cable

INST to AS/NZS 3808

PVC V90 overall screened

Construction:

Class 2 twisted pair annealed bare copper conductor to AS/NZS 1125 class 2. V90 PVC insulation to comply with AS/NZS3808. Laminated aluminium polyester tape overall screened with stranded tinned copper 7/0.20mm drain wire. UV-stabilised and flame retardant to IEC 60332-1 black or blue 5V90 PVC sheath.

Minimum Bending Radius:

5 x cable diameter

Nominal Voltage:

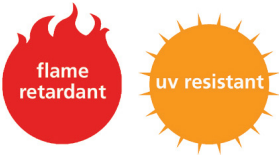
110/150V

Temperature Range:

Fixed: -20°C to +90°C

Colour Coding:

- Pairs: black and white with consecutive numbering
- Triads: black, white & red with consecutive numbering



RALOS INSTRUMENTATION CABLE 6 PAIR 1.5SQMM CU/PVC/OS/PVC INS6P1.5CSBK 110/150V V90 TO UL2464

Part No.	Nominal conductor area mm² and number of cores		Conductor Diameter	Insulation Thickness	Insulation Diameter	Diameter after O-SCR	Outer Sheath Thickness	Overall Diameter	Approx. Weight
			mm	mm	mm	mm	mm	mm	kgs/km
INS1P0.5CSBK	0.5mm²	1 pair	0.9	0.4	1.7	3.6	0.6	4.8	32
NS1TR0.5CSBK	0.5mm²	1 triad	0.9	0.4	1.7	3.9	0.6	5.1	40
INS2P0.5CSBK	0.5mm²	2 pair	0.9	0.4	1.7	5.8	0.7	7.2	58
INS3P0.5CSBK	0.5mm²	3 pair	0.9	0.4	1.7	6.2	0.8	7.8	78
INS4P0.5CSBK	0.5mm²	4 pair	0.9	0.4	1.7	6.9	0.8	8.5	95
INS6P0.5CSBK	0.5mm²	6 pair	0.9	0.4	1.7	8.6	0.9	10.4	136
INS8P0.5CSBK	0.5mm²	8 pair	0.9	0.4	1.7	9.4	1.1	11.6	181
INS10P0.5CSBK	0.5mm²	10 pair	0.9	0.4	1.7	11.4	1.2	13.8	229
INS12P0.5CSBK	0.5mm²	12 pair	0.9	0.4	1.7	11.8	1.2	14.2	260
INS16P0.5CSBK	0.5mm²	16 pair	0.9	0.4	1.7	13.3	1.4	16.1	343
INS20P0.5CSBK	0.5mm²	20 pair	0.9	0.4	1.7	14.6	1.6	17.8	428
INS24P0.5CSBK	0.5mm²	24 pair	0.9	0.4	1.7	16.9	1.7	20.3	516
INS36P0.5CSBK	0.5mm²	36 pair	0.9	0.4	1.7	19.7	1.8	23.3	724
INS50P0.5CSBK	0.5mm²	50 pair	0.9	0.4	1.7	23.0	1.8	26.6	961
INS1P1CSBK	1.0mm²	1 pair	1.2	0.4	2.0	4.2	0.7	5.6	47
INS1P1.5CSBK	1.5mm²	1 pair	1.5	0.4	2.3	4.8	0.7	6.2	58
INS1TR1.5CSBK	1.5mm²	1 triad	1.5	0.4	2.3	5.2	0.7	6.6	75
INS2P1.5CSBK	1.5mm²	2 pair	1.5	0.4	2.3	7.7	0.9	9.5	112
INS3P1.5CSBK	1.5mm²	3 pair	1.5	0.4	2.3	8.3	1.0	10.3	153
INS4P1.5CSBK	1.5mm²	4 pair	1.5	0.4	2.3	9.3	1.1	11.5	197
INS6P1.5CSBK	1.5mm²	6 pair	1.5	0.4	2.3	11.5	1.2	13.9	283
INS8P1.5CSBK	1.5mm²	8 pair	1.5	0.4	2.3	12.6	1.4	15.4	371
INS10P1.5CSBK	1.5mm²	10 pair	1.5	0.4	2.3	15.3	1.4	18.1	457
INS12P1.5CSBK	1.5mm²	12 pair	1.5	0.4	2.3	15.9	1.6	19.1	546
INS16P1.5CSBK	1.5mm²	16 pair	1.5	0.4	2.3	17.9	1.6	21.1	694
INS20P1.5CSBK	1.5mm²	20 pair	1.5	0.4	2.3	19.7	1.7	23.1	851
NS24P1.5CSBK	1.5mm²	24 pair	1.5	0.4	2.3	22.8	1.8	26.4	1024
INS36P1.5CSBK	1.5mm²	36 pair	1.5	0.4	2.3	26.6	1.9	30.4	1467
INS50P1.5CSBK	1.5mm²	50 pair	1.5	0.4	2.3	31.0	2.0	35.0	1995