

Instrumentation & Data Cable

INST to AS/NZS 3808

PVC V90 individual and 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:

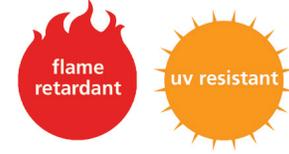
110/150V

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 4 PAIR U.5SQMM CU/PVC/IS/OS/PVC INS4PU.SECSBK V90 TO UL2464

Part No.	Nominal conductor area mm ² 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
INS2P0.5ECSBK	0.5mm ²	2 pair	0.9	0.4	1.7	6.6	0.7	8.0	69
INS3P0.5ECSBK	0.5mm ²	3 pair	0.9	0.4	1.7	7.1	0.8	8.7	94
INS4P0.5ECSBK	0.5mm ²	4 pair	0.9	0.4	1.7	8.0	0.8	9.6	116
INS6P0.5ECSBK	0.5mm ²	6 pair	0.9	0.4	1.7	9.8	0.9	11.6	166
NS8P0.5ECSBK	0.5mm ²	8 pair	0.9	0.4	1.7	10.8	1.1	13.0	221
INS10P0.5ECSBK	0.5mm ²	10 pair	0.9	0.4	1.7	13.0	1.2	15.4	279
INS12P0.5ECSBK	0.5mm ²	12 pair	0.9	0.4	1.7	13.5	1.2	15.9	318
INS16P0.5ECSBK	0.5mm ²	16 pair	0.9	0.4	1.7	15.3	1.4	18.1	421
INS20P0.5ECSBK	0.5mm ²	20 pair	0.9	0.4	1.7	16.7	1.6	19.9	525
INS24P0.5ECSBK	0.5mm ²	24 pair	0.9	0.4	1.7	19.4	1.7	22.8	633
INS36P0.5ECSBK	0.5mm ²	36 pair	0.9	0.4	1.7	22.6	1.8	26.2	893
INS2P1.5ECSBK	1.5mm ²	2 pair	1.5	0.4	2.3	8.7	0.9	10.5	126
INS3P1.5ECSBK	1.5mm ²	3 pair	1.5	0.4	2.3	9.4	1.0	11.4	173
INS4P1.5ECSBK	1.5mm ²	4 pair	1.5	0.4	2.3	10.5	1.1	12.7	223
INS6P1.5ECSBK	1.5mm ²	6 pair	1.5	0.4	2.3	13.0	1.2	15.4	320
INS8P1.5ECSBK	1.5mm ²	8 pair	1.5	0.4	2.3	14.3	1.4	17.1	420
INS10P1.5ECSBK	1.5mm ²	10 pair	1.5	0.4	2.3	17.3	1.4	20.1	517
INS12P1.5ECSBK	1.5mm ²	12 pair	1.5	0.4	2.3	18.0	1.6	21.2	618
INS16P1.5ECSBK	1.5mm ²	16 pair	1.5	0.4	2.3	20.3	1.6	23.5	786
INS20P1.5ECSBK	1.5mm ²	20 pair	1.5	0.4	2.3	22.2	1.7	25.6	964
INS24P1.5ECSBK	1.5mm ²	24 pair	1.5	0.4	2.3	25.8	1.8	29.4	1161
INS36P1.5ECSBK	1.5mm ²	36 pair	1.5	0.4	2.3	30.1	1.9	33.9	1664