

Instrumentation & Data Cable

RALOS

RALOS INST to AS/NZS 3808

High temperature PVC V90HT overall and individually screened

Construction:

Class 2 stranding, twisted pairs with heat resistant PVC V90HT insulation, aluminium polyester tape individual pair screen, overall aluminium polyester tape screen with 0.5mm² tinned copper drain wire, heat & UV resistant, flame retardant, black PVC V90HT sheath, metre marked. Also available in an intrinsically blue sheath upon request.

Minimum Bending Radius:

5 x cable diameter

Nominal Voltage:

300/500V

Temperature Range:

Fixed: -20°C to +105°C

Colour Coding:

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



Part No.	Nominal conductor area mm ² and number of cores		Approx. overall Ø mm	Approx. weight kg/km
INS2P0.5ESCSBK	0.5mm ²	2 pair	11.4	105
INS4P0.5ESCSBK	0.5mm ²	4 pair	13.4	190
INS6P0.5ESCSBK	0.5mm ²	6 pair	15.6	250
INS8P0.5ESCSBK	0.5mm ²	8 pair	17.0	316
INS12P0.5ESCSBK	0.5mm ²	12 pair	20.2	477
INS20P0.5ESCSBK	0.5mm ²	20 pair	26.0	771
INS24P0.5ESCSBK	0.5mm ²	24 pair	29.0	879
INS36P0.5ESCSBK	0.5mm ²	36 pair	34.6	1350

Part No.	Nominal conductor area mm ² and number of cores		Approx. overall Ø mm	Approx. weight kg/km
INS2P1.5ESCSBK	1.5mm ²	2 pair	14.8	195
INS4P1.5ESCSBK	1.5mm ²	4 pair	17.0	338
INS6P1.5ESCSBK	1.5mm ²	6 pair	19.4	446
INS8P1.5ESCSBK	1.5mm ²	8 pair	22.5	608
INS12P1.5ESCSBK	1.5mm ²	12 pair	27.1	860
INS20P1.5ESCSBK	1.5mm ²	20 pair	32.5	1345
INS24P1.5ESCSBK	1.5mm ²	24 pair	37.2	1676
INS36P1.5ESCSBK	1.5mm ²	36 pair	44.9	2350