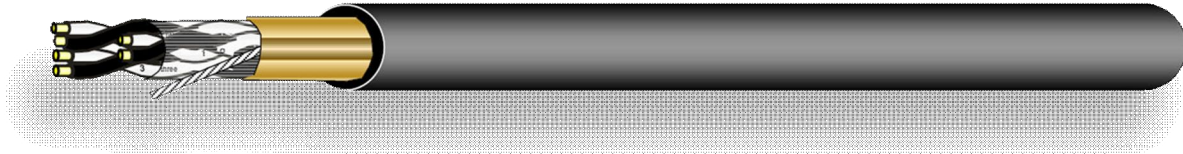


## INSTRUMENTATION CABLE

### Overall Screened



#### Application

Interconnection of control equipment and instruments, etc.

#### Construction

- Bare Annealed Copper wire conductor.
- Insulation - flame retardant V90 PVC to UL style 1569 - AS3191.
- Pairs are twisted and laid-up around centre pair, or filler, as necessary.
- Overall screening of Al/Polyester tape.
- A drain wire of stranded Tinned Copper 7/0.25mm is applied between the lapping tape and the pairs.
- Sheathed with PVC V90 flame retardant UL style 2464 - Black. (Blue sheath available on request)

Part No.	Number of pairs	Nominal Area	Stranding	Resistance @ 20°C ohm/100mt	Nom. O/D (mm)
DSI01P7030	1	0.5mm <sup>2</sup>	7/0.30	3.84	6.9
DSI02P7030	2	0.5mm <sup>2</sup>	7/0.30	3.84	8.6
DSI03P7030	3	0.5mm <sup>2</sup>	7/0.30	3.84	9.1
DSI04P7030	4	0.5mm <sup>2</sup>	7/0.30	3.84	9.8
DSI06P7030	6	0.5mm <sup>2</sup>	7/0.30	3.84	11.4
DSI08P7030	8	0.5mm <sup>2</sup>	7/0.30	3.84	12.6
DSI10P7030	10	0.5mm <sup>2</sup>	7/0.30	3.84	13.8
DSI12P7030	12	0.5mm <sup>2</sup>	7/0.30	3.84	15.2
DSI16P7030	16	0.5mm <sup>2</sup>	7/0.30	3.84	16.6
DSI18P7030	18	0.5mm <sup>2</sup>	7/0.30	3.84	17.2
DSI20P7030	20	0.5mm <sup>2</sup>	7/0.30	3.84	18.6
DSI24P7030	24	0.5mm <sup>2</sup>	7/0.30	3.84	20
DSI01T7030	1Triad	0.5mm <sup>2</sup>	7/0.30	3.84	6.9
DSI01P7040	1	1.0mm <sup>2</sup>	7/0.43	1.83	7
DSI02P7040	2	1.0mm <sup>2</sup>	7/0.43	1.83	10.1
DSI01P7050	1	1.5mm <sup>2</sup>	7/0.50	1.36	6.9
DSI02P7050	2	1.5mm <sup>2</sup>	7/0.50	1.36	11.1
DSI03P7050	3	1.5mm <sup>2</sup>	7/0.50	1.36	12.1
DSI04P7050	4	1.5mm <sup>2</sup>	7/0.50	1.36	14.2
DSI01T7050	1Triad	1.5mm <sup>2</sup>	7/0.50	1.36	7.3

TYPICAL PERFORMANCE CHARACTERISTICS (7/0.30mm)			
Capacitance (Pf/mt)	Crosstalk @1 kHz dB/100mt	Impedance @1 KHz (dB/100mt)	Continuous Current Max Amps
80	90	380	3.2

#### Note

- Individual & O/A Al/Polyester screen and drain wire per pair optional.
- Pair colours - Black/White numbered.
- Triad (3 core) colours - Red/Black/White.
- 24/0.20mm, 7/0.40 conductor also available.
- Other pair counts available on request.
- These cables are rated for Max Voltage of 600V RMS with a recommended 100V RMS and as such should not be connected to mains voltage.