

Individual and Overall foil Screen

CONSTRUCTION	
Conductors	Plain Annealed Copper Wire Class 2
Insulation	PVC V-90
Drain	7/0.25 Tinned Copper Wire
Individual Screen	Aluminium Tape (100% Coverage)
Overall Screen	Aluminium Tape (100% Coverage)
Sheath (Bedding)	5V-90 PVC
Outer Sheath	5V-90 PVC
Rated Voltage	100V
Sheath Colour	Black
Core Colours	Twisted Pairs (Black & White) No. Printed on Each Pair

FEATURES	
UV Resistant	
Mtr Marked	
100V AC	
RoHS Compliant	

APPLICATIONS	
Comms Circuits	
Electrical Networks	
Control Equipment	
Rail and Subway Signal Systems	

PACKAGING	
Standard Length Cable Packing	100m 500m as well as cut to length above 2 pair
Standard Cable Markings	Elcon Cables, Part No, Description V90 100V<Meter marked>

Please Note

Please consult with your Electrician / Engineer to ensure this cable is suitable for the intended application and installation.

Elcon Cables takes every precaution to ensure the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

NSW

TEL 02 9602 4888 FAX 02 9602 4099
EMAIL salesnsw@elconcables.com.au

WA

TEL 08 9358 1809 FAX 08 9358 2182
EMAIL saleswa@elconcables.com.au

QLD

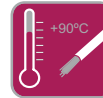
TEL 07 3805 6455 FAX 07 3805 6433
EMAIL salesqld@elconcables.com.au

VIC

TEL 03 9558 1044 FAX 03 9551 5844
EMAIL salesvic@elconcables.com.au

SA

TEL 08 8326 4833 FAX 08 8326 4855
EMAIL salessa@elconcables.com.au



Individual and Overall foil Screen

Product Code	Nominal Conductor mm ²	No. Of Pairs	Stranding	Current Continuous Max. (amps)	Insulation Thickness mm	Nominal OD mm	Max DC Resistance mΩ/mt
Pairs							
INST1P0.5B	0.5	1	7/0.30	3	0.50	4.70	3.80
IOS2P0.5B	0.5	2	7/0.30	3	0.50	8.80	3.80
IOS3P0.5B	0.5	3	7/0.30	3	0.50	10.30	3.80
IOS4P0.5B	0.5	4	7/0.30	3	0.5	10.7	3.80
IOS6P0.5B	0.5	6	7/0.30	3	0.5	12.3	3.80
IOS8P0.5B	0.5	8	7/0.30	3	0.5	14.1	3.80
IOS10P05B	0.5	10	7/0.30	3	0.5	15.4	3.80
INST1P1.5B	1.5	1	7/0.50	12	0.5	6.1	1.40
IOS2P1.5B	1.5	2	7/0.50	12	0.5	9.1	1.40
IOS4P1.5B	1.5	4	7/0.50	12	0.5	12.2	1.40
IOS6P1.5B	1.5	6	7/0.50	12	0.5	14.8	1.40
IOS8P1.5B	1.5	8	7/0.50	12	0.5	16.7	1.40
IOS10P05B	1.5	10	7/0.50	12	0.5	21.1	1.40

** NOT FOR MAINS CONNECTION

Please Note

Please consult with your Electrician / Engineer to ensure this cable is suitable for the intended application and installation.

Elcon Cables takes every precaution to ensure the information in this publication is correct but accepts no liability of any kind and reserves the right to change any detail in this catalogue without notification.

NSW

TEL 02 9602 4888 FAX 02 9602 4099
EMAIL salesnsw@elconcables.com.au

WA

TEL 08 9358 1809 FAX 08 9358 2182
EMAIL saleswa@elconcables.com.au

QLD

TEL 07 3805 6455 FAX 07 3805 6433
EMAIL salesqld@elconcables.com.au

www.elconcables.com.au

VIC

TEL 03 9558 1044 FAX 03 9551 5844
EMAIL salesvic@elconcables.com.au

SA

TEL 08 8326 4833 FAX 08 8326 4855
EMAIL salessa@elconcables.com.au