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Australia

FIELDS AHEAD



TYCAB IRRIGATION CABLE

SINGLE CORE TYFLO®

MULTI - CORE TYFLO®

MAXI CABLE 2 CORE FLAT TYFLO®

FIGURE 8 GARDEN LIGHTING





OXYGEN FREE COPPER

RoHS compliant

ELV 50Va.c. or 120Vd.c.

SINGLE CORE TYFLO® UV STABILISED POLYPROPYLENE



Applications: Irrigation / Sprinkler Systems
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: PREMIUM Grade UV Stabilised Polypropylene
Colours: **Black, Blue, Brown, Green, Grey, Light Blue, Light Green, Orange, Pink, Red, Violet, White, Yellow**
Trace colours available by request
Packs: 100, 500 metres - *other packs by request*

CODE	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING	INSULATION THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
WSE1703	7/0.3	0.5	4	0.3	32.7	1.6	0.7
WSE17043	7/0.43	1	10	0.4	21.2	2.1	1.1
WSE1705	7/0.50	1.5	16	0.4	13.6	2.35	1.5
WSE17067	7/0.67	2.5	23	0.4	7.4	2.85	2.5
WSE17085	7/0.85	4	30	0.6	4.6	3.8	4.1
WSE17104	7/1.04	6	39	0.7	3.1	4.55	5.3
WSE17135	7/1.35	10	53	0.8	1.8	5.7	10.2
WSE17170	7/1.70	16	70	1.0	1.1	7.2	16.1

NOTE: (i) Extra low voltage (ii) Not Suitable For Connection To Mains Power Supply

MAXI CABLE 2 CORE FLAT - TYFLO® PVC INSULATED UV STABILISED POLYPROPYLENE SHEATH



Applications: Irrigation Systems
Conductor: **TINNED COPPER WIRE (TCW)** to AS/NZS 1125
Insulation: RoHS Compliant V90 P.V.C. to AS/NZS 3808
Core Colours: **Red, Black**
Sheath: UV Stabilised Polypropylene
Sheath Colour: **Red - other colours by request**
Packs: 500 metres - *other packs by request*

CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
WWS21178	2	1/1.78	2.5	1.5	1.2	7.3	7.5 x 12.5	13.4
WWS27067	2	7/0.67	2.5	1.5	1.2	7.4	7.7 x 12.6	13.6
WWS27085	2	7/0.85	4	1.5	1.2	4.6	8.3 x 13.8	17.5
WWS27104	2	7/1.04	6	1.5	1.2	3.1	8.8 x 15.0	22.2

NOTE: (i) Not Suitable For Connection To Mains Power Supply

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RoHS compliant

ELV 50Va.c. or 120Vd.c.



MULTI - CORE TYFLO®

UV STABILISED POLYPROPYLENE INSULATION PVC SHEATH

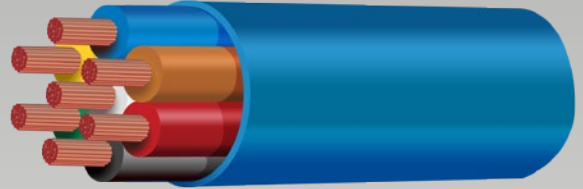
Application: Irrigation / Sprinkler Systems
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: PREMIUM Grade UV Stabilised Polypropylene
Core Colours:

- 2 core:** Black, Red;
- 3 core:** Black, Red, White;
- 4 core:** Black, Red, White, Blue;
- 5 core:** Black, Red, White, Blue, Green;
- 7 core:** Black, Red, White, Blue, Green, Brown, Yellow;
- 9 core:** Black, Red, White, Blue, Green, Brown, Yellow, Pink, Grey;
- 13 core:** Black, Red, White, Blue, Green, Brown, Yellow, Pink, Grey, Violet, Beige, Light Green, Orange

Sheath: RoHS Compliant Flexible 75°C P.V.C. to AS/NZS 3808

Sheath Colour: Blue

Packs: 100, 500 metres - other packs by request



CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	AMP RATING PER CORE	INSULATION THICKNESS (mm)	SHEATH THICKNESS (mm)	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)
WMW3703	3	7/0.3	0.5	4	0.3	0.6	38.4	4.6	3.2
WMW5703	5	7/0.3	0.5	4	0.3	0.6	38.4	5.5	4.6
WMW7703	7	7/0.3	0.5	4	0.3	0.6	38.4	6.1	6.0
WMW9703	9	7/0.3	0.5	4	0.3	0.6	38.4	7.1	7.5
WMW13703	13	7/0.3	0.5	4	0.3	0.7	38.4	8.5	10.7
WMW27043	2	7/0.43	1	10	0.4	0.6	21.2	5.5	3.9
WMW37043	3	7/0.43	1	10	0.4	0.6	21.2	5.8	4.7
WMW57043	5	7/0.43	1	10	0.4	0.6	21.2	7.2	7.3
WMW77043	7	7/0.43	1	10	0.4	0.6	21.2	7.8	9.8
WMW97043	9	7/0.43	1	10	0.4	0.7	21.2	9.2	12.3
WMW137043	13	7/0.43	1	10	0.4	0.7	21.2	10.7	17.7
WMW2705	2	7/0.5	1.5	16	0.4	0.6	13.6	5.9	4.4
WMW3705	3	7/0.5	1.5	16	0.4	0.6	13.6	6.2	6.4
WMW5705	5	7/0.5	1.5	16	0.4	0.6	13.6	7.7	9.5
WMW7705	7	7/0.5	1.5	16	0.4	0.7	13.6	8.6	12.7
WMW9705	9	7/0.5	1.5	16	0.4	0.7	13.6	10.2	16.1
WMW13705	13	7/0.5	1.5	16	0.4	0.7	13.6	11.6	22.8
WMW27067	2	7/0.67	2.5	23	0.4	0.6	7.41	7.1	6.8
WMW37067	3	7/0.67	2.5	23	0.4	0.6	7.41	7.2	9.3
WMW57067	5	7/0.67	2.5	23	0.4	0.7	7.41	9.2	14.7
WMW77067	7	7/0.67	2.5	23	0.4	0.7	7.41	10.1	20.7
WMW97067	9	7/0.67	2.5	23	0.4	0.7	7.41	12.9	26.0
WMW137067	13	7/0.67	2.5	23	0.4	0.8	7.41	14.2	36.0
WMW27085	2	7/0.85	4	30	0.6	0.7	4.61	9.2	8.5
WMW37085	3	7/0.85	4	30	0.6	0.7	4.61	9.9	14.9

NOTE: (i) Extra low voltage (ii) Not Suitable For Connection To Mains Power Supply



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RoHS compliant

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GARDEN LIGHTING - FIGURE 8 PARALLEL WEBBED

Applications: Garden Lighting Systems
Conductor: OXYGEN FREE Plain Copper Wire to AS/NZS 1125
Insulation: RoHS Compliant UV Resistant V90HT P.V.C. to AS/NZS 3808
Colour: Black
Packs: 50, 100 metres - coils available by request



CODE	NO. OF CORES	CONDUCTOR NO/DIA (mm)	NOMINAL AREA (mm ²)	INSULATION THICKNESS (mm)	ELECTRICAL RESISTANCE @ 20°C (ohm/km)	NOMINAL O.D. (mm)	MASS (kg/100m)	POLARITY IDENTIFICATION (No. of Raised Ribs on 1 leg)
FAIRY LIGHTS								
LFD23202	2	32/0.2	1.0	0.6	26.7	2.6 x 5.7	3.1	0
LFD230025	2	30/0.25	1.5	1.1	13.7	4.0 x 8.3	6.0	2
LFD24802	2	48/0.2	1.5	1.1	13.7	4.1 x 8.4	6.3	2
GARDEN LIGHTS								
LFD210502	2	105/0.2	3.3	0.8	5.6	4.2 x 8.9	7.8	4
LFD25603	2	56/0.3	4	1.0	4.95	4.7 x 9.5	10.8	1
LFD212702	2	127/0.2	4	1.0	4.63	4.7 x 9.5	10.8	1
LFD219202	2	192/0.2	6	1.0	3.1	5.5 x 11.5	14.5	4
LFD232202	2	322/0.2	10	0.66	1.83	6.0 x 12.5	22.0	4

NOTE: (i) Not Suitable For Connection To Mains Power Supply

FIGURE 8 GARDEN LIGHTING - RECOMMENDED RUN LENGTH

12 VOLTS LOAD		MAXIMUM DISTANCE IN METRES						
Amps	Watts	1mm ²	1.5mm ²	2.9mm ²	3.3mm ²	4mm ²	6mm ²	10mm ²
1.67	20	17	26	50	57.3	69.5	104	173
3.33	40	8.5	13	25	28.6	34.7	52	87
4.17	50	7	10.4	20	22.9	27.8	41	69
5.00	60	5.6	8.6	16	19.1	23.1	34	58
5.83	70	5	7.4	14	16.3	19.8	29	50
6.67	80	4.3	6.5	12	14.3	17.3	26	43
7.50	90	3.9	5.7	11	12.7	15.4	23	38
8.33	100	3.4	5.2	10	11.7	13.9	20	34
10.00	120	2.8	4.3	8	9.5	11.5	17	29
11.67	140		3.7	7	8.1	9.9	15	24
13.33	160		3.2	6	7.1	8.6	13	21
15.00	180		2.8	5.5	6.3	7.7	11	19
16.67	200			5	5.7	6.9	10	17

NOTE: Maximum One (1) volt drop allowed in applications



Manufactured by
TYCAB AUSTRALIA
 269 Frankston – Dandenong Road,
 Dandenong, Victoria 3175. Australia.
 Telephone (03) 8791 0333
 Fax (03) 9791 8732
 www.tycab.com.au

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