LED
autolamps

A **Clarience Technologies** Company

CABLE HARNESS & LIGHTING SYSTEM

Version 5.6 - 2023

Functional, Long Lasting Quality

Innovative Harness System

The key to this system is its flexibility, offering every conceivable option for various lighting functions to be added at any point in the truck harness line.

Flexibility/Versatility

Cable lengths range from 0.25m to 15m combined with heavy duty connector covers for every plug and connector assembly point with a breaking strain exceeding 25kg, making this a heavy duty and robust truck harness assembly.

Colour Coded

All assembly plugs are colour coded to their specific function. Example - The Brown plug is for Marker Lamps. When requiring a marker lamp, add a brown plug in the harness line. The Yellow (LHS) or Green (RHS) plug is for Side Direction Indicator Lamps. When requiring a Side Direction Indicator lamp, add a yellow or green plug whether left or right hand side in the harness line.

DG Rating & Road Train

Cables and covers manufactured to comply with DG (Dangerous Goods) Rating. Inspected by Worksafe Victoria and in accordance with DG-150424-1, DG-150424-2 in relation to the electrical wiring requirements as it applies to dangerous goods road vehicle bulk tankers, in accordance for usage with petrol and gas tankers. Cabling and lighting comply with AS2809 parts 1 & 2. You can achieve *Road Train Compatibility to ADR 63/00 on all drawings using the 7 Core (6mm) RTC cable & plugs. See Page 6 & 44-45 for more information.*

Labour Costs

Designed specifically to be easily and quickly installed without the need to cut, splice, solder, join or tape wire joins, reducing fitting times with its simple plug in design. Expect to reduce lighting assembly labour costs by up to 75%.

Warranty

Five year warranty for all truck & trailer vehicles and a one year warranty for livestock carrying trailers.

- **Add any Light Anywhere in the Harness System**

- **Easily Replace Damaged Lighting with Minimal Downtime**

- **Heavy Duty Waterproof Cable, Plugs and Connectors**

- **Colour Coded Plugs to the Colour of the Wire Function**

- **All Large Vehicles and Trailers**

- **All Lights Compliant with ECE or ADR**

- **Cable System Compliant with Dangerous Goods (AS2809)**

- **All Drawings Compatible with Road Train (Page 6 & 44-45)**

- **5 Year Warranty, Livestock Transport 1 Year Warranty**

- **RoHS Compliant Cables, Plugs and Lights**

Cable and Wire

TWP Cable (Thin wall thermo plastic) and PVC Automotive primary wire complying with SA-J1128, Annealed copper wire in compliance with ASTMB3, RoHS compliant Lead free copper wire with operating temperature between -40°c to +85°c - Harness system tested to B-Double requirements when LEDs are used. Please refer to wire gauge table below for further information regarding wire gauge and amperage.

Function	Wire Colour	Gauge	Rated Amp	Draw @13.8V	Maximum Lamps	Diameter (mm)	Area (mm2)	Resistance (Ohms/1000ft)
Earth	White	14	20	-	-	1.62814	2.08	2.525
Accessory	Blue	16	10	2.0A	-	1.29032	1.31	4.016
Stop	Red	18	8	0.47A	16 Lamps	1.02362	0.823	6.385
Left Indicator	Yellow	20	5	0.42A	10 Lamps	0.8128	0.518	10.15
Right Indicator	Green	20	5	0.42A	10 Lamps	0.8128	0.518	10.15
Marker	Brown	20	5	0.05A	120 Lamps	0.8128	0.518	10.15
Reverse	Black	20	5	0.59A	8 Lamps	0.8128	0.518	10.15

Australian First Dual Function Marker/Indicator Lamp

Introducing the All-New 97 series side marker/indicator combination lamp, which is Australian road approved for Category five side direction indicator as well as an amber/red side marker. The lamps are large trailer plugin harness compatible, enabling them to be easily daisy-chained down the length of the vehicle or incorporated into existing harness setup. Adaptability allows you to add any combination of marker lamps or marker/indicator lamps.

The standard function is an amber/red side marker. The override function is the side direction indicator. When the indicator is active, the marker is disabled. The Front and Rear end outline markers include supplementary indicators which are not ADR.

Front Marker Indicator Lamp
Page - 16
Part No. 97WIMCSB
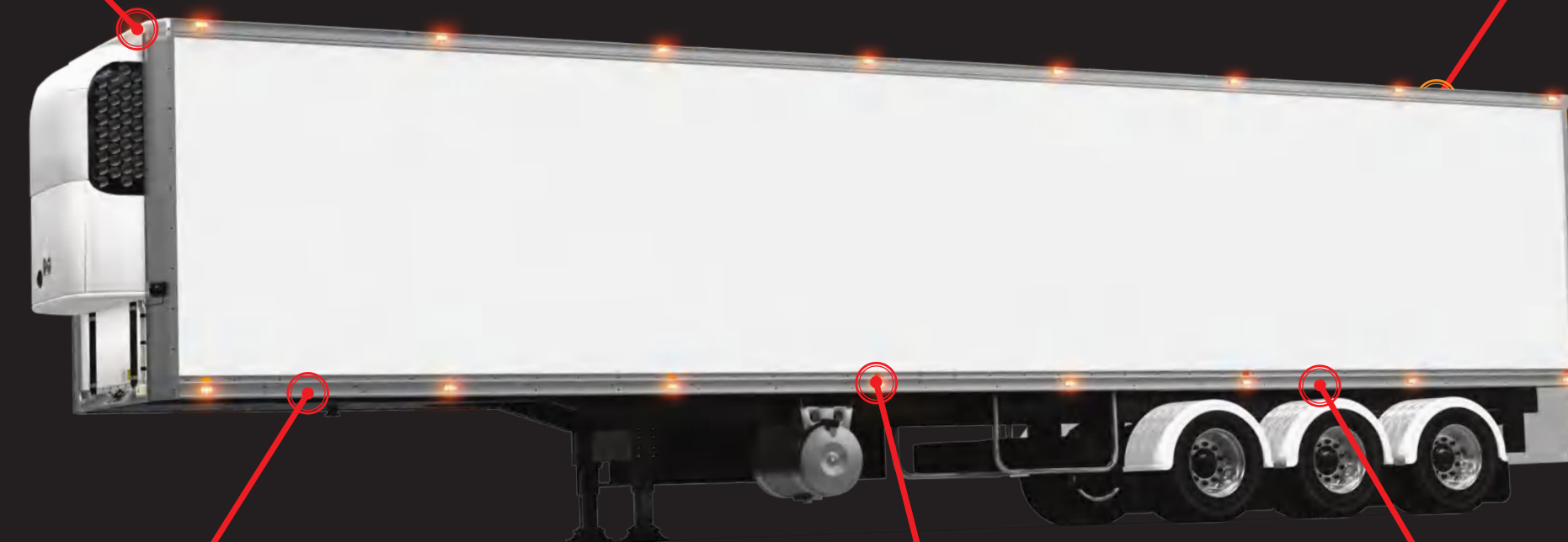Front End Outline Marker
Supplementary Indicator

Rear Marker Indicator Lamp
Page - 16
Part No. 97RIMCSB
Rear End Outline Marker
Supplementary Indicator

LHS/RHS Indicator Splitter
Page - 21
Part No. 7CILR3B
Combination Left
and Right Indicator

Side Marker Indicator Lamp
Page - 16
Part No. 97ARIMCSB
Amber/Red Side Marker
Side Direction Indicator
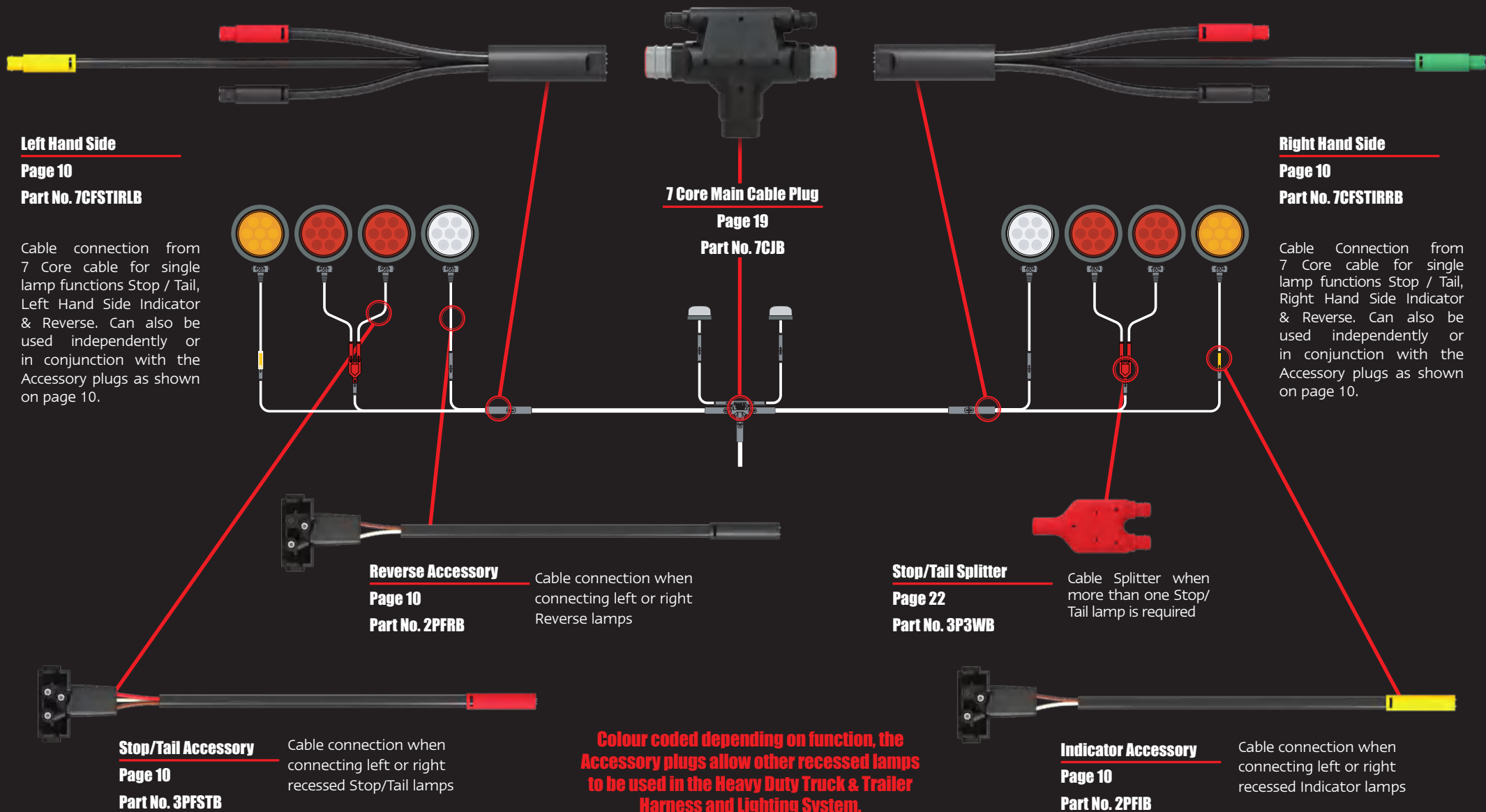
Marker Indicator Splitter
Page - 21
Part No. 3P3IMB
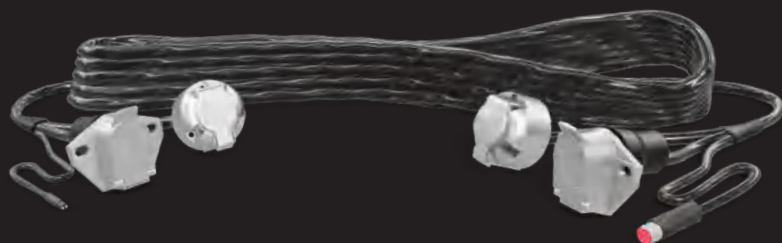3 Core 3 Way
Indicator Splitter

Single Function Lamp Adaptability
Or Additional Lamps From Main Cable

Many customers still prefer to use the recessed type rectangle or round lights for their trailer builds. The 7CFS series of plugs allows this to happen by splitting from the main cable a series of individual cables and plugs to suit Stop/Tail Lamps, Indicator Lamps and Reverse Lamps.

Left Hand Side
Page 10

Part No. 7CFSTIRLB

Cable connection from 7 Core cable for single lamp functions Stop / Tail, Left Hand Side Indicator & Reverse. Can also be used independently or in conjunction with the Accessory plugs as shown on page 10.

7 Core Main Cable Plug
Page 19

Part No. 7CJB

Right Hand Side
Page 10

Part No. 7CFSTIRRB

Cable Connection from 7 Core cable for single lamp functions Stop / Tail, Right Hand Side Indicator & Reverse. Can also be used independently or in conjunction with the Accessory plugs as shown on page 10.

Reverse Accessory
Page 10

Part No. 2PFRB

Cable connection when connecting left or right Reverse lamps

Stop/Tail Splitter
Page 22

Part No. 3P3WB

Cable Splitter when more than one Stop/Tail lamp is required

Stop/Tail Accessory
Page 10

Part No. 3PFSTB

Cable connection when connecting left or right recessed Stop/Tail lamps

Colour coded depending on function, the Accessory plugs allow other recessed lamps to be used in the Heavy Duty Truck & Trailer Harness and Lighting System.

Indicator Accessory
Page 10

Part No. 2PFIB

Cable connection when connecting left or right recessed Indicator lamps

Road Train Adaptability
to ADR 63/00 Vehicle Standards

Road Train Cable
Page 44-45
Part No. 7CRT-145M
Part No. 7CRT-155M

ROAD TRAIN CABLE with Total open Length of 14.5m or 15.5m, Includes 12V & 24V 7 Pin Sockets at both ends with 2 Core & 7 Core plug adapter.

Road Train Cable
Page 44-45
Part No. 7CRTCRT-10-5M

ROAD TRAIN CABLE for use with Retractable Suzi Cable. Total open Length 15.5m, Includes 12V & 24V 7 Pin Sockets at the Rear includes the 7 Core plug adapter.

Trailer compliance for use in road train is made possible with our 7CRTC range of Road Train Cables. We use a 7 Core (6mm) RTC cable that's Australian made, conforms to applicable standards and is professionally adapted to our cable harness and lighting system. Both options available have a total extended length of 15.5m and use high-quality 12V, ISO 1724 and 24V, ISO 1185/ DIN 7579 corrosion-resistant aluminium 7 Pin sockets. The standard 7CRTC also offers 2 Core and 7 Core harness plugs, whilst the 7CRTCRT is suited to retractable skeletal trailers when combined with a retractable Suzi cable (See page 24-25). It also includes our cable harness and lighting system 7 Core plug.

Specifications
6.0mm Seven Core Cable Black Sheath
PVC Insulation to AS3191
Voltage Rating up to 110V
Strand Diameter: 0.3mm
Number of Strands: 65
Conductor Cross Section: 5.22mm2
Wire Colours: Green, Yellow, Blue, Red, White, Black , Brown

•ROHS •V90 •OXYGEN FREE •LEAD FREE PVC - E.L.V. ONLY

Power Patch Cables
For Vehicle Lighting

The Rigid body trucks can also benefit from this system with many possibilities to advance your lighting and wiring options. We now offer a range of Power Patch Cables that taps into the vehicle's existing rear lighting harness, enabling the addition of markers, high-level combination lamps or trailer sockets without time-consuming wiring. This innovative system will give you the flexibility and adaptability to compliment your O/E fitting requirements saving you time and money.
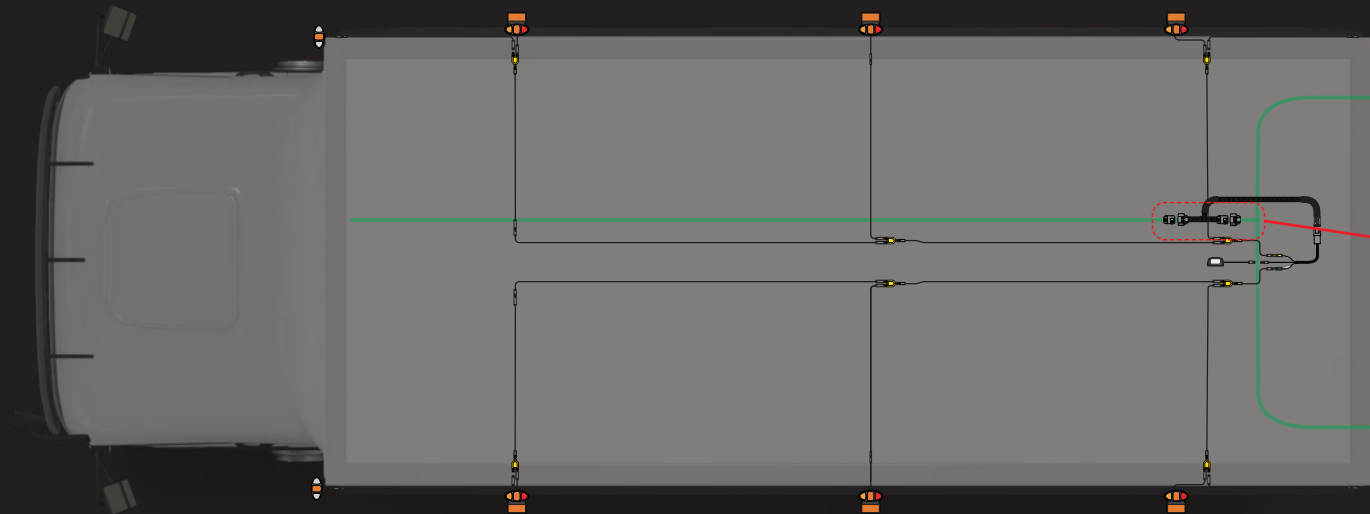
- **Perfect for OEM Fitters**
- **Save Time & Money**
- **System Expandable**
- **System Customisable**
- **System Adaptability**
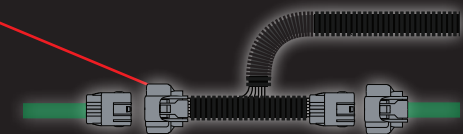
Patching into the existing loom using a Ppatch Power Harness

Main Loom

We have break-out patch cables to suit many Rigid Truck Brands. If you require a specific application, please call us to discuss your requirements.
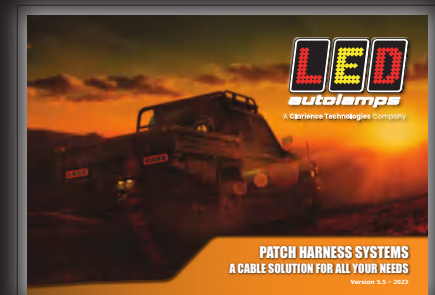
ISUZU   FUSO   HINO

Detailed Explanation in Our Patch Harness Catalogue on page 38-61

LED autolamps
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PATCH HARNESS SYSTEMS
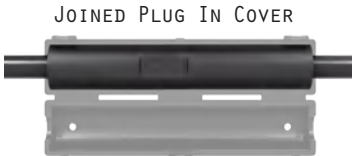A CABLE SOLUTION FOR ALL YOUR NEEDS
Version 3.3 - 2023

7 Core Cables with Male & Female Plugs

The cable we have chosen for this harness system is used widely in the automotive industry and complies with SA-J1128 Standards. The cable width is 9.5mm, Male & Female plug diameter is 18mm. The plugs we have designed are 100% waterproof, with a unique double sealing lip that will not allow water ingress. The covers for the plugs have been created for extra strength and engineered to a breaking strain of 25kg. The connection cover ensures a secure fitment and completes Dangerous Goods Rating AS2809.
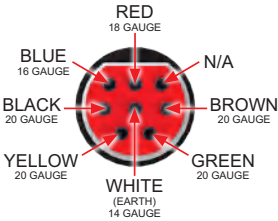
Part No.	Length
7CMF.25B	25 Centimetres
7CMF.5B	50 Centimetres
7CMF1B	1 Metre
7CMF1.5B	1.5 Metre
7CMF2B	2 Metre
7CMF2.5B	2.5 Metre
7CMF3B	3 Metre
7CMF4B	4 Metre
7CMF5B	5 Metre
7CMF6B	6 Metre
7CMF8B	8 Metre
7CMF10B	10 Metre
7CMF15B	15 Metre

RED 18 GAUGE
BLUE 16 GAUGE
N/A
BLACK 20 GAUGE
BROWN 20 GAUGE
YELLOW 20 GAUGE
GREEN 20 GAUGE
WHITE (EARTH) 14 GAUGE

Cable Plug Cover

Part No.	Size
CMCB	110mm x 24mm

Joined Plug In Cover

Breaking Strain 25kg

2 Core Cables with Male & Female Plugs or Female Plugs with Bare Wires

The cable we have chosen for this harness system is used widely in the automotive industry and complies with SA-J1128 Standards. The cable width is 6mm, Male & Female plug diameter is 9mm. The plugs we have designed are 100% waterproof, with a sealing lip that will not allow water ingress. The covers for the plugs have been created for extra strength and engineered to a breaking strain of 15kg. The connection cover ensures a secure fitment and completes Dangerous Goods Rating AS2809.

Part No.	Length
2PMF.25B	25 Centimetres
2PMF.5B	50 Centimetres
2PMF1B	1 Metre
2PMF1.5B	1.5 Metre
2PMF2B	2 Metre
2PMF2.5B	2.5 Metre
2PMF3B	3 Metre
2PMF4B	4 Metre
2PMF5B	5 Metre

Part No.	Length
2PF.25B	25 Centimetres
2PF.5B	50 Centimetres
2PF1B	1 Metre

Joined Plug In Cover

Breaking Strain 15kg

Cable Plug Cover

Part No.	Size
2PCB	72mm x 15mm

3 way splitter for 2 core Cable

Part No.	Size
2PMF3WB	72mm x 15mm

2 Core Cable to suit Reverse Beepers
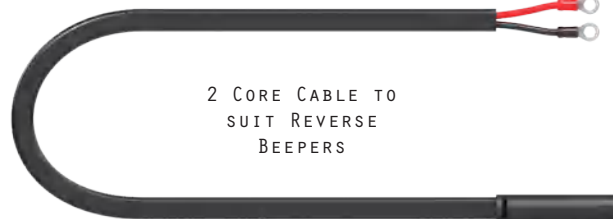
Part No.	Length
2PF200ETB -cable	20 Centimetres

7 Core Cables with Male Plug and Bare Wires

The cable we have chosen for this harness system is used widely in the automotive industry and complies with SA-J1128 Standards. The cable width is 9.5mm, Male plug diameter is 18mm. The plugs we have designed are 100% waterproof, with a unique double sealing lip that will not allow water ingress. The covers for the plugs have been created for extra strength and engineered to a breaking strain of 25kg. The connection cover ensures a secure fitment and completes Dangerous Goods Rating AS2809.

RED
18 GAUGE

BLUE
16 GAUGE

N/A

BLACK
20 GAUGE

BROWN
20 GAUGE

YELLOW
20 GAUGE

GREEN
20 GAUGE

WHITE
(EARTH)
14 GAUGE

Cable Plug Cover

Part No.	Size
CMCB	110mm x 24mm

Joined Plug In Cover

Breaking Strain 25kg
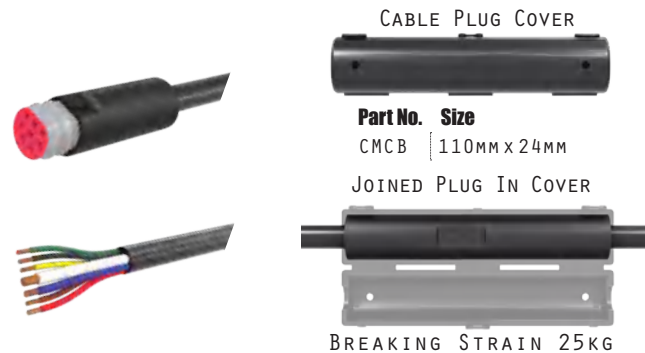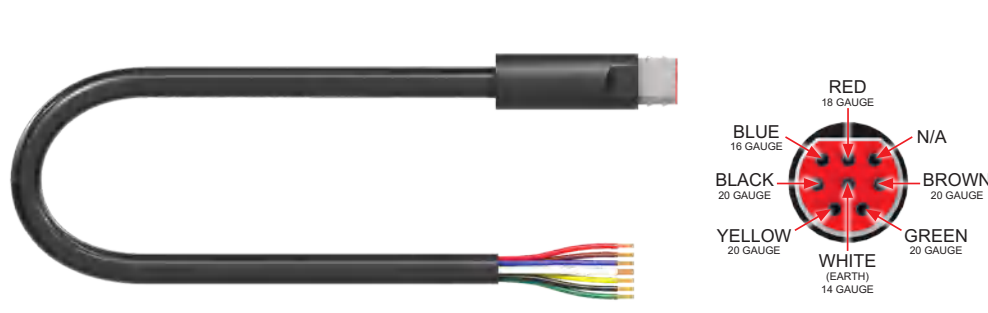
Part No.	Length
7CM1B	1 Metre
7CM2B	2 Metre
7CM3B	3 Metre

3 Core Cables with Male & Female Plugs

The cable we have chosen for this harness system is used widely in the automotive industry and complies with SA-J1128 Standards. The plugs we have designed are 100% waterproof, with a sealing lip that will not allow water ingress.

Part No.	Length
3PMF.2B	20 Centimetres
3PMF.5B	50 Centimetres
3PMF1B	1 Metre
3PMF1.5B	1.5 Metre
3PMF2B	2 Metre
3PMF3B	3 Metre
3PMF4B	4 Metre
3PMF5B	5 Metre

Joined Plug In Cover

Breaking Strain 15kg

Cable Plug Cover

Part No.	Size
2PCB	72mm x 15mm

16 Gauge Cables for the Accessory Blue Wire

The heavy-duty truck harness system has provisions for an accessory product fitted via the 16 gauge blue wire. Plugin one of the adapter plugs into the harness system, then run a 2 Core cable to connect an accessory product.

Part No.	Length
2PF100/16G	1 Metre
2PF200/16G	2 Metre
2PF300/16G	3 Metre
2PF400/16G	4 Metre
2PF500/16G	5 Metre

Important Note; *Work lights on the harness system are an accessory and should be connected to the blue wire and not the reverse (black) wire. The maximum size work lamps allowable on the blue wire are 120 watts in a 12 volt system and 240 watts in a 24 volt system. If you need to run work lamps at the same time as the reverse light then the blue wire can be connected to the reverse wire at the front of the trailer.*

Cables for Single Function Lamps

Many customers still prefer to use the recessed type rectangle or round lights for their trailer builds. The 7CFS series of plugs allows this to happen by splitting from the main cable a series of individual cables and plugs to suit 1) Stop/Tail Lamp 2) Indicator Lamp 3) Reverse Lamp.

Part No.	Cable Function	Length
7CFSTIRLB	Left Side Main Cable Connector For Stop/Tail/Indicator/Reverse	140mm Red/Black 200mm Yellow

Part No.	Cable Function	Length
7CFSTIRRB	Right Side Main Cable Connector For Stop/Tail/Indicator/Reverse	140mm Red/Black 200mm Green

Part No.	Cable Function	Length
7CFSTILB	Left Side Main Cable Connector For Stop/Tail/Indicator	140mm Red 200mm Yellow

Part No.	Cable Function	Length
7CFSTIRB	Right Side Main Cable Connector For Stop/Tail/Indicator	140mm Red 200mm Green

Accessory Plugs for Individual Single Function Lamps

Colour coded depending on the function, the Accessory plugs allow other single-function recessed lamps that use the standard 3 Pin connectors to be used in the harness system.

Part No.	Cable Function	Length
3PFSTB	Stop/Tail Function	200mm

Part No.	Cable Function	Length
2PFIB	Rear Indicator Function	200mm

Part No.	Cable Function	Length
2PFRB	Reverse Function	200mm

Single Function Lamps with Plugin Cable Connector

Note: Visit our website, www.ledautolamps.com for further specifications and mounting information.

102 Series - Size 130mm Round x 12mm

Part No.	Function
102RMCSB	Stop/Tail

20cm Cable with Plug

Part No.	Function
102AMCSB	Indicator

20cm Cable with Plug

Part No.	Function
102WMCSB	Reverse

20cm Cable with Plug

132 Series - Size 130mm x 86mm x 16mm

Part No.	Function
132RMCSB	Stop/Tail

20cm Cable with Plug

Part No.	Function
132AMCSB	Indicator

20cm Cable with Plug

Part No.	Function
132WMCSB	Reverse

20cm Cable with Plug

Part No.	Function
59401	Grommet

Single Function Lamps Available for use with Accessory Plugs

113 Series - Size 109mm Round x 12mm
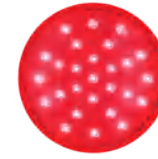
Part No.	Function	Part No.	Function	Part No.	Function	Part No.	Function
113RMB	Stop/Tail	113AMB	Indicator	113WMB	Reverse	53401	Grommet

110 Series - Size 109mm Round x 12mm
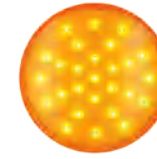
Part No.	Function	Part No.	Function	Part No.	Function	Part No.	Function
110RMB	Stop/Tail	110AMB	Indicator	110WMB	Reverse	53101	Grommet

130 Series - Size 134mm x 86mm x 16mm

Part No.	Function	Part No.	Function	Part No.	Function	Part No.	Function
130RMB	Stop/Tail/Reflector	130AMB	Indicator	130WMB	Reverse	59401	Grommet

134 Series - Size 134mm x 86mm x 16mm

Part No.	Function	Part No.	Function	Part No.	Function	Part No.	Function
134RMB	Stop/Tail/Reflector	134AMB	Indicator/Reflector	134WMB	Reverse/Reflector	59401	Grommet

Rear Combination Lamps

200 Series - Size 200mm x 134mm x 28mm

Part No	Function	Side	Cable
200CCARRMLCSB	Stop/Tail/Indicator	LEFT	20cm with Plug
200CCARRMRCSB	Stop/Tail/Indicator	RIGHT	20cm with Plug

280 Series - Size 282mm x 95mm x 28mm

Part No	Function	Side	Cable
280ARRMLCSB	Stop/Tail/Indicator/Reflector	LEFT	20cm with Plug
280ARRMRCSB	Stop/Tail/Indicator/Reflector	RIGHT	20cm with Plug
280ARWMLCSB	Stop/Tail/Indicator/Reverse/Reflector	LEFT	20cm with Plug
280ARWMRCSB	Stop/Tail/Indicator/Reverse/Reflector	RIGHT	20cm with Plug

Sequential Indicator
Diffused Tail

355 Series - Size 356mm x 86mm x 35mm

Part No	Function	Side	Cable
355BARWMLCSB	Stop/Tail/Ind/Rev/Ref - BLACK CHROME	LEFT	40cm with Plug
355BARWMRCSB	Stop/Tail/Ind/Rev/Ref - BLACK CHROME	RIGHT	40cm with Plug
355ARWMLCSB	Stop/Tail/Ind/Rev/Ref - CHROME	LEFT	40cm with Plug
355ARWMRCSB	Stop/Tail/Ind/Rev/Ref - CHROME	RIGHT	40cm with Plug

Sequential Indicator
Diffused Tail

385 Series - Size 387mm x 105mm x 30.5mm

Part No	Function	Side	Cable
385ARWMLCSB	Stop/Tail/Indicator/Rev, Diffused Tail	LEFT	40cm with Plug
385ARWMRCSB	Stop/Tail/Indicator/Rev, Diffused Tail	RIGHT	40cm with Plug

Rear Combination Lamps

3851 Series - Size 387mm x 105mm x 30.5mm

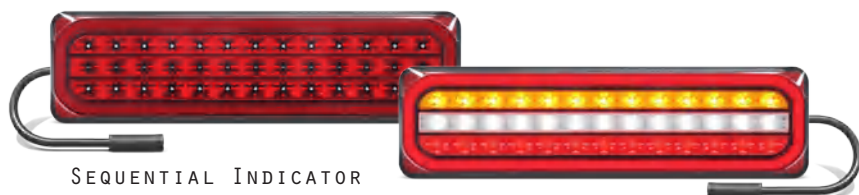| Part No	Function	Side	Cable
3851ARWMLCSB	Stop/Tail/Indicator/Reverse/Reflector	LEFT	40cm with Plug
3851ARWMRCSB	Stop/Tail/Indicator/Reverse/Reflector	RIGHT	40cm with Plug

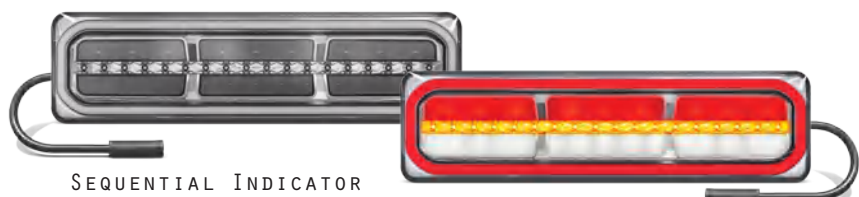## 3852 Series - Size 387mm x 105mm x 30.5mm

Diffused Tail

Part No	Function	Side	Cable
3852ARWMLCSB	Stop/Tail/Indicator/Rev, Diffused Tail	LEFT	40cm with Plug
3852ARWMRCSB	Stop/Tail/Indicator/Rev, Diffused Tail	RIGHT	40cm with Plug

3853 Series - Size 387mm x 105mm x 30.5mm

Sequential Indicator
Diffused Tail

Part No	Function	Side	Cable
3853ARWMLCSB	Stop/Tail/Indicator/Rev, Diffused Tail	LEFT	40cm with Plug
3853ARWMRCSB	Stop/Tail/Indicator/Rev, Diffused Tail	RIGHT	40cm with Plug

3854 Series - Size 387mm x 105mm x 30.5mm

Sequential Indicator
Diffused Tail

Part No	Function	Side	Cable
3854ARWMLCSB	Stop/Tail/Indicator/Rev, Red Diffused Tail	LEFT	40cm with Plug
3854ARWMRCSB	Stop/Tail/Indicator/Rev, Red Diffused Tail	RIGHT	40cm with Plug
38541ARWMLCSB	Stop/Tail/Indicator/Rev, Grey Diffused Tail	LEFT	40cm with Plug
38541ARWMRCSB	Stop/Tail/Indicator/Rev, Grey Diffused Tail	RIGHT	40cm with Plug

Rear Combination Lamps

Diffused Tail

3855 Series - Size 387mm x 105mm x 30.5mm

Part No	Function	Side	Cable
3855ARWMLCSB	Stop/Tail/Indicator/Reverse, Diffused Tail	LEFT	40cm with Plug
3855ARWMRCSB	Stop/Tail/Indicator/Reverse, Diffused Tail	RIGHT	40cm with Plug

Maxilamp 3 Series - Size 370mm x 135mm x 40mm

Part No	Function	Side	Cable
MAXILAMPC3XRWLCSB	Stop/Tail/Indicator/Rev/Reflectors	LEFT	40cm with Plug
MAXILAMPC3XRWRCSB	Stop/Tail/Indicator/Rev/Reflectors	RIGHT	40cm with Plug

460 Series - Size 460mm x 130mm x 33mm

Part No	Function	Side	Cable
460ARRMLCSB	Stop/Tail/Indicator/Reflectors	LEFT	20cm with Plug
460ARRMRCSB	Stop/Tail/Indicator/Reflectors	RIGHT	20cm with Plug
460ARWMLCSB	Stop/Tail/Indicator/Reverse/Reflectors	LEFT	20cm with Plug
460ARWMRCSB	Stop/Tail/Indicator/Reverse/Reflectors	RIGHT	20cm with Plug

Sequential Indicator
Diffused Tail

520 Series - Size 520mm x 141mm x 28.5mm

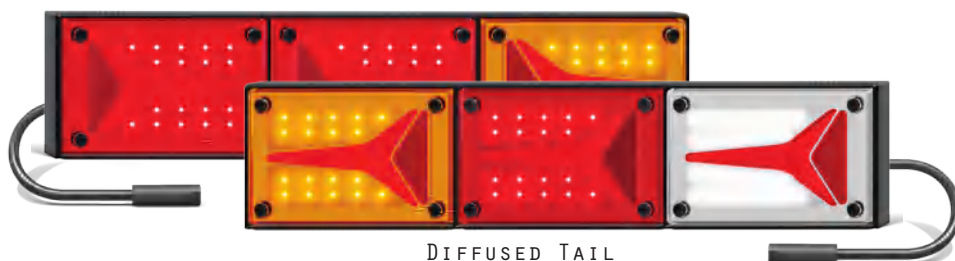| Part No	Function	Side	Cable
520ARWMLCSB	Stop/Tail/Indicator/Rev, Diffused Tail	LEFT	40cm with Plug
520ARWMRCSB	Stop/Tail/Indicator/Rev, Diffused Tail	RIGHT	40cm with Plug

Rear Combination Lamps

J3 Series - Size 595mm x 130mm x 45mm
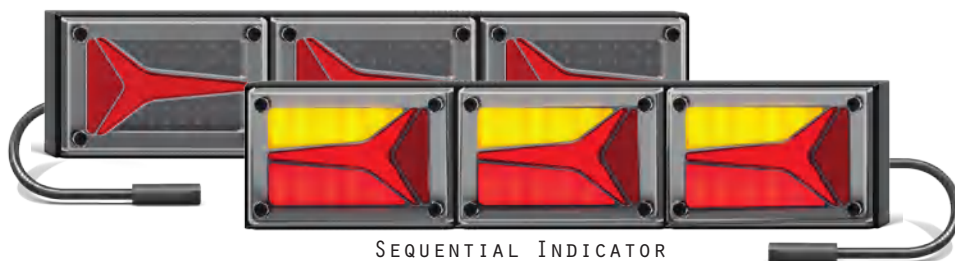
Part No	Function	Side	Cable
J3BARRMLCSB	Stop/Tail/Indicator/Reflectors	LEFT	20cm with Plug
J3BARRMRCSB	Stop/Tail/Indicator/Reflectors	RIGHT	20cm with Plug
J3BARWMLCSB	Stop/Tail/Indicator/Reverse/Reflectors	LEFT	20cm with Plug
J3BARWMRCSB	Stop/Tail/Indicator/Reverse/Reflectors	RIGHT	20cm with Plug

595 Series - Size 595mm x 130mm x 45mm

Part No	Function	Side	Cable
595BARRMLCSB	Stop/Tail/Indicator/Reflectors	LEFT	40cm with Plug
595BARRMRCSB	Stop/Tail/Indicator/Reflectors	RIGHT	40cm with Plug
595BARWMLCSB	Stop/Tail/Indicator/Reverse/Reflectors	LEFT	40cm with Plug
595BARWMRCSB	Stop/Tail/Indicator/Reverse/Reflectors	RIGHT	40cm with Plug

Diffused Tail
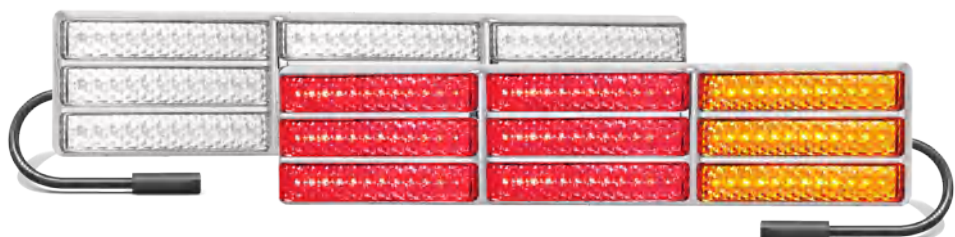
595 Series - Size 595mm x 130mm x 45mm

Part No	Function	Side	Cable
595STIM3LCSB	Stop/Tail/Indicator/Reflectors	LEFT	40cm with Plug
595STIM3RCSB	Stop/Tail/Indicator/Reflectors	RIGHT	40cm with Plug

Sequential Indicator
Diffused Tail

J9 Series - Size 595mm x 130mm x 28mm

Part No	Function	Side	Cable
J9CCARRMLCSB	Stop/Tail/Indicator	LEFT	20cm with Plug
J9CCARRMRCSB	Stop/Tail/Indicator	RIGHT	20cm with Plug

97 Series Category 5 Side Direction Indicator/Marker Lamps

Black Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97ARIMCSB	Side Marker/ Cat5 Side Direction Indicator	40cm with Plug
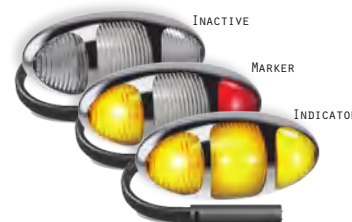
Chrome Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97CARIMCSB	Side Marker/ Cat5 Side Direction Indicator	40cm with Plug

Black Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97AIMCSB	Side Marker/ Cat5 Side Direction Indicator	40cm with Plug
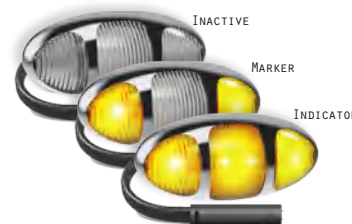
Chrome Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97CAIMCSB	Side Marker/ Cat5 Side Direction Indicator	40cm with Plug

Black Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97RIMCSB	Rear End Outline Supplementary Indicator**	40cm with Plug

Chrome Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97CRIMCSB	Rear End Outline Supplementary Indicator**	40cm with Plug

Black Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97WIMCSB	Front End Outline Supplementary Indicator**	40cm with Plug

Chrome Bezel - Size 99mm x 47mm x 28mm

Part No	Function	Cable
97CWIMCSB	Front End Outline Supplementary Indicator**	40cm with Plug

Note:
** Supplementary Front and Rear Indicator is Non-ADR, to be used in conjunction with existing lamps

Marker Lamps and Side Direction Indicator Lamps

5025 Series - Size 50mm x 25mm x 21mm

Part No	Function	Cable
5025ARMCSB	Amber/Red Side Marker	20cm with Plug
5025RMCSB	Rear End Outline Marker	20cm with Plug
5025AMCSB	Side Direction Side Marker	20cm with Plug
5025WMCSB	Front End Outline Marker	20cm with Plug

58 Series - Size 58mm x 35mm x 21mm

Part No	Function	Cable
58ARMCSB	Amber/Red Side Marker	20cm with Plug
58RMCSB	Rear End Outline Marker	20cm with Plug
58AMCSB	Side Direction Side Marker	20cm with Plug
58WMCSB	Front End Outline Marker	20cm with Plug

37 Series - Size 70mm x 35mm x 20mm

Part No	Function	Cable
37ARMCSB	Amber/Red Side Marker	20cm with Plug
37RMCSB	Rear End Outline Marker	20cm with Plug
37AMCSB	Side Direction Side Marker	20cm with Plug
37WMCSB	Front End Outline Marker	20cm with Plug

42 Series - Size 74mm x 38mm x 35mm

Part No	Function	Cable
42ARMCSB	Amber/Red Side Marker	20cm with Plug
42RMCSB	Rear End Outline Marker	20cm with Plug
42AMCSB	Side Direction Side Marker	20cm with Plug
42WMCSB	Front End Outline Marker	20cm with Plug

EU38 Series - Size 100mm x 38mm x 13mm

Part No	Function	Cable
EU38RMCSB	Rear End Outline Marker/Reflector	20cm with Plug
EU38AMCSB	Side Marker/Reflector	20cm with Plug
EU38WMCSB	Front End Outline Marker/Reflector	20cm with Plug

181 Series - Size 28mm round x 5mm

Part No	Function	Cable
181RMCSB	Rear End Outline Marker	20cm with Plug
181AMCSB	Side Marker	20cm with Plug
181WMCSB	Front End Outline Marker	20cm with Plug

Reverse Accessory Products

Important Note; When Reverse lamps are run as an accessory in the reverse system then the maximum power allowable is 60 watts in a 12 volt system or 120 watts in a 24 volt system. It is recommended the work lamps when used as a reverse light should be run from the blue wire/splitters, see page 23. The following table should be followed if Reverse Lamps are already used in the system and more are to be added.

Additional Reverse Lamps Max Combined Output in Watts

No. Of Reverse Lamps	12 Volt System	24 Volt System
2	46 Watts	92 Watts
4	36 Watts	72 Watts
6	24 Watts	48 Watts

7312 Series - Size 73mm x 73mm x 31mm

Part No	Function	Cable
7312BMCSB	12 Watt Reverse Lamp	20cm with Plug

7512 Series - Size 75mm x 75mm x 30mm

Part No	Function	Cable
7512BMCSB	12 Watt Reverse Lamp	20cm with Plug

Beepers - Size 100mm x 68mm x 41mm

Part No	Function	Cable
2PF200ETB	Reverse Beeper	20cm with Plug
2PF200RAB	Reverse Beeper (DG)	20cm with Plug

Squawkers - Size 100mm x 68mm x 41mm

Part No	Function	Cable
2PF200SQB	Reverse Squawker	20cm with Plug

Rotating Beacon Accessory

LRB130 Beacon
Size 130mm x 53mm

Part No	Cable
LRB130CSB	13cm with Plug

Used with Blue Accessory Wire see page 23

Licence Plate Lamps

60 Series
Size 60mm x 22mm x 22mm

Part No	Cable
60BLMCSB	20cm with Plug

6434 Series
Size 65mm x 30mm x 24mm

Part No	Cable
6434CWMCSB	20cm with Plug

35 Series
Size 76mm x 42mm x 30mm

Part No	Cable
35BLMCSB	20cm with Plug

41 Series
Size 70mm x 42mm x 40mm

Part No	Cable
41BLMCSB	20cm with Plug

7 Core Main Plugs and Covers

The 7CJB rear junction splitters are designed to split the 7 Core cable into a left and right side for rear lighting functions of Stop/Tail, Indicator and Reverse. The 7CJB also has left and right side 2 pin plugs to connect licence plate and marker lamps. The 7P3WB is a 7 Core cable splitter which gives you the ability to add another rear combination lamp and continue the harness cable before terminating with a final rear combination lamp assembly. The covers available for the plugs have been created for extra strength and engineered to a breaking strain of 25 kg. The connection cover is for secure fitment and completes Dangerous Goods Rating AS2809.

Part No. **Size**
7CJB | 89mm x 61mm

Part No. **Size**
CCJB | 186mm x 116mm

Part No. **Size**
7P3WB | 94mm x 44mm

Part No. **Size**
7PCB | 193mm x 50mm

7 Core Junction Splitter and Cover

The 7CJEB 7 Core Rear Junction Splitter Extension is used with the 7CJB, above to connect a 7 pin trailer base at the rear of the trailer. Its purpose is to connect another trailer to the existing harness system when using the 7CFTB rear trailer plug.

Part No. **Size**
CMEB | 188mm x 178mm

Part No. **Size**
7CJEB | 200mm

7 Core Trailer Base Front/Rear Termination

Heavy Duty, EBS, and 24 Volt Sockets available, see Page 24-25 for more information.

Front of Trailer

Rear of Trailer

Part No. **Size**
7CMTB | 200mm with Plug
12 Volt

Part No. **Size**
7CFTB | 200mm with Plug
24 Volt

Marker Lamp Splitters

Defined by its brown colour, the Marker lamp splitters split from the 7 Core cable and power the marker lamps. The 7CMFB has dual splitters at a right angle to the 7 Core cable. The 7CFFB also has dual splitters but runs parallel to the 7 Core cable. The 7CFB is a single splitter that runs parallel to the 7 Core cable. The covers for the plugs have been created for extra strength and engineered to a breaking strain of 25kg. The connection cover is for secure fitment and completes Dangerous Goods Rating AS2809.

DUAL MARKER LAMP SPLITTER

Part No.	Size
7CMFB	78MM X 60MM

DUAL MARKER LAMP SPLITTER

Part No.	Size
7CFFB	78MM X 37MM

MARKER LAMP SPLITTER

Part No.	Size
7CFB	78MM X 37MM

SPLITTER COVER

Part No.	Size
CMAB	175MM X 128MM

SPLITTER COVER

Part No.	Size
CMMB	177MM X 44MM

SPLITTER COVER

Part No.	Size
CMBB	177MM X 44MM

2 Core Splitters

The 2 Core splitter are used to split the 2 Core cable and powers Marker Lamps, Indicator (2 Core) lamps, Reverse lamps and Accessories. The plugs we have designed are 100% waterproof, with a sealing lip that will not allow water ingress. The cover for the plugs have been created for extra strength and engineered to a breaking strain of 15kg. The connection covers ensures a secure fitment and completes Dangerous Goods Rating AS2809.

2 CORE/3 WAY SPLITTER

Part No.	Size
2P3WB	62MM X 28MM

2 CORE/4 WAY SPLITTER

Part No.	Size
2P4WB	62MM X 28MM

2P3WB SPLITTER COVER

Part No.	Size
2P3CB	125MM X 35MM

Indicator Lamp Splitters

Defined by its Yellow colour, the Indicator lamp splitters split from the 7 Core cable and power both the left and right-hand side indicator lamps. The 7CMIB has dual splitters at a right angle to the 7 Core cable. The 7CIRLB also has dual splitters but runs parallel to the 7 Core cable. The 7CILB and the 7CIRB are single splitters parallel with the 7 Core cable used for left-hand and right-hand indicators and defined by their colours Yellow for left and Green for right. The covers for the plugs have been created for extra strength and engineered to a breaking strain of 25kg. The connection cover is for secure fitment and completes Dangerous Goods Rating AS2809.

LEFT & RIGHT INDICATOR

Part No. **Size**
7CMIB 78mm x 60mm

LEFT & RIGHT INDICATOR

Part No. **Size**
7CIRLB 78mm x 37mm

LEFT INDICATOR

Part No. **Size**
7CILB 78mm x 37mm

RIGHT INDICATOR

Part No. **Size**
7CIRB 78mm x 37mm

SPLITTER COVER

Part No. **Size**
CMAB 175mm x 128mm

SPLITTER COVER

Part No. **Size**
CMMB 177mm x 44mm

SPLITTER COVER

Part No. **Size**
CMBB 177mm x 44mm

Dual Function Marker/Indicator Splitters

Defined by its Yellow colour, the Dual function Marker/Indicator lamp splitter split from the 7 Core cable and power both the left and right-hand side Indicator/Marker lamps. The 7CILR3B has dual splitters at a right angle to the 7 Core cable. The 3P3IMB is a plug that splits one cable into two, and this allows the fitter to add as many combination Indicator/Marker lamps as required. All connectors have covers available for secure fitment of the cables ensuring Dangerous Goods Rating AS2809.

COMBINATION LEFT & RIGHT INDICATOR

Part No. **Size**
7CILR3B 78mm x 37mm

SPLITTER COVER

Part No. **Size**
CMMB 177mm x 44mm

3 CORE/3 WAY INDICATOR SPLITTER

Part No. **Size**
3P3IMB 62mm x 28mm

SPLITTER COVER

Part No. **Size**
2P3CB 125mm x 35mm

Reverse Lamp Splitters

Defined by its black colour, the Reverse lamp splitters split from the 7 Core cable and power the reverse lamps and reverse beeper. The 7CRRB has dual splitters that run parallel to the 7 Core cable. The 7CRB is a single splitter that runs parallel to the 7 Core cable. The 2P3WB is a plug that splits one cable into two, allowing the fitter to add additional Reverse lamps. The cover for the plugs, created are engineered for extra strength to a breaking strain of 15kg for 2 Core and 25kg for 7 Core. The connection cover is for secure fitment and completes Dangerous Goods Rating AS2809.

Dual Reverse Lamp Splitter

Part No.	Size
7CRRB	78mm x 37mm

Reverse Lamp Splitter

Part No.	Size
7CRB	78mm x 37mm

2 Core/3 Way Splitter

Part No.	Size
2P3WB	62mm x 28mm

Part No.	Size
CMMB	177mm x 44mm

Part No.	Size
CMBB	177mm x 44mm

Part No.	Size
2P3CB	125mm x 35mm

Separate Stop/Tail Lamp Compatible with 3 Core Stop/Tail Plugs and Cables

The heavy-duty truck harness system has provisions for a separate stop/tail lamp. Plug in the stop/tail adapter, plug 7CSTB into the harness system, then run a 3 Core (3PMF) cable to connect a stop/tail lamp. If you require a second stop/tail lamp, then add the 3 Core splitter 3P3WB for an extra cable to connect the lamp. All connectors have covers available, ensuring Dangerous Goods Rating AS2809 and secure fitment with a breaking strain of 15kg for the cables.

Brake Control Lamp Splitter

Part No.	Size
7CSTB	78mm x 37mm

Part No.	Size
CMBB	177mm x 44mm

3 Core/3 Way Splitter

Part No.	Size
3P3WB	62mm x 28mm

Part No.	Size
2P3CB	125mm x 35mm

Brake Control or Accessory Splitter

Defined by its blue colour the 7CMBB has dual splitters at right angle to the 7 Core cable. The 7CBBB has dual splitters that run parallel with the 7 Core cable. The 7CBB plug is a single splitter that runs parallel with the 7 Core cable. These splitters power the brake control or any accessory when brake control is not required. The covers for the plugs have been created for extra strength and engineered to a breaking strain of 25kg. The connection cover is for secure fitment and completes Dangerous Goods Rating AS2809.

DUAL BRAKE CONTROL OR ACCESSORY LAMP SPLITTER

Part No.	Size
7CMBB	78MM X 60MM

Part No.	Size
CMAB	175MM X 128MM

DUAL BRAKE CONTROL OR ACCESSORY LAMP SPLITTER

Part No.	Size
7CBBB	78MM X 37MM

Part No.	Size
CMMB	177MM X 44MM

BRAKE CONTROL OR ACCESSORY LAMP SPLITTER

Part No.	Size
7CBB	78MM X 37MM

Part No.	Size
CMBB	177MM X 44MM

Main Cable
7 Core Splitters

All assembly plugs are colour coded to its specific function. Example - The Brown plug is for Marker Lamps. When requiring a marker lamp, add a brown plug in the harness line. The Yellow (LHS) or Green (RHS) plug is for Side Direction Indicator Lamps. When requiring a Side Direction Indicator lamp, add a yellow or green plug whether left or right hand side in the harness line.

MAIN CABLE SPLITTER
Page 19
Part No. 7P3WB

MARKER LAMP SPLITTER
Page 20
Part No. 7CFB

LHS INDICATOR SPLITTER
Page 21
Part No. 7CILB

RHS INDICATOR SPLITTER
Page 21
Part No. 7CIRB

REAR JUNCTION SPLITTER
Page 19
Part No. 7CJB
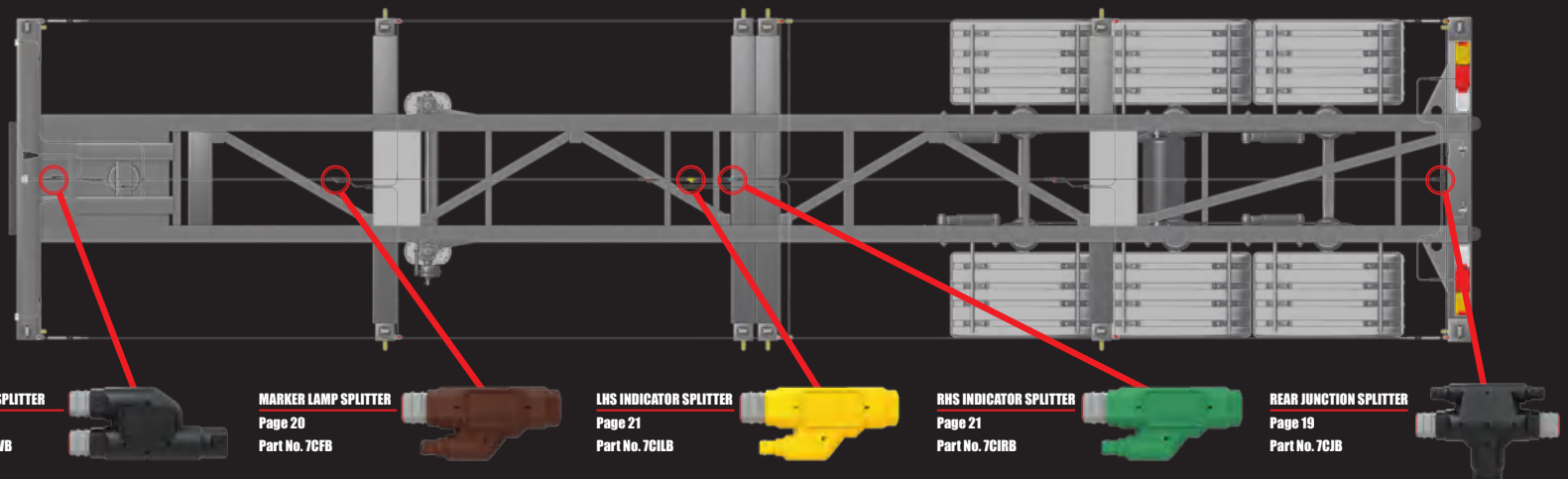
Standard/Heavy Duty Sockets, Plugs and Suzi Coils

These 7 pin connectors and Suzi coils are for electrical connection between a vehicle and a trailer. Both voltages available, 12V - ISO 1724 and 24V - ISO 1185/DIN 72579. The plugs and connectors either use corrosion-resistant aluminium or plastic materials with Nickel-plated Brass contacts.

ISO/DIN 1724

Part No.
7PSOCKETSDB

Description
7 Pin Alloy Standard Duty Socket, 12 Volt

ISO/DIN 1724

Part No.
7PPLUGSDB

Description
7 Pin Alloy Standard Duty Plug, 12 Volt

ISO 1185 DIN 72579

Part No.
7PSOCKETHD24B

Description
7 Pin Alloy Heavy Duty Socket, 24 Volt

ISO 1185 DIN 72579

Part No.
7PPLUGHD24B

Description
7 Pin Alloy Heavy Duty Plug, 24 Volt

Part No.
7PSUZI1212

Description
7 Pin Suzi Coil, 60mm Coil Diameter, Short tail ends, Total extended length 4.5m, 12 Volt.

ISO/DIN 1724

Part No.
7PSUZI1M1212

Description
7 Pin Suzi Coil, 60mm Coil Diameter, 1m long tail end, Total extended length 5.6m, 12 Volt.

ISO/DIN 1724

Part No.
7PSUZI1224

Description
7 Pin Suzi Coil, 60mm Coil Diameter, Short tail ends. Total extended length 4.5m. 12-24 Volt.

ISO 1185 DIN 72579

Part No.
7PSUZI1M1224

Description
7 Pin Suzi Coil, 60mm Coil Diameter, 1m long tail end. Total extended length 5.6m. 12-24 Volt.

ISO 1185 DIN 72579

Part No.
7PSUZI2424

Description
7 Pin Suzi Coil, 60mm Coil Diameter, Short tail ends. Total extended length 4.5m. 24 Volt.

ISO 1185 DIN 72579

Part No.
7PSUZI1M2424

Description
7 Pin Suzi Coil, 60mm Coil Diameter, 1m long tail end. Total extended length 5.6m. 24 Volt.

ISO 1185 DIN 72579

ABS/EBS Sockets, Plugs and Suzi Coils

These connectors are specific for the ABS/EBS braking system between a truck, trailer or semitrailer, both for 12V and 24V systems. The ABS/EBS plugs, connectors conform to ISO/DIN 7638, and the materials used conform to ADR/GGVS norm requirements for vehicles transporting hazardous goods. The plugs are connected to the sockets with a steel bracket to avoid accidental disconnection. Mechanical resistance and water tightness guarantee an efficient and reliable electrical connection.

ABS/EBS
ISO/DIN 7638

Part No.	**Description**
7PSOCKETEBS24B	7 Pin EBS Socket, 24 Volt

ABS/EBS
ISO/DIN 7638

Part No.	**Description**
7PSOCKETEBS12B	7 Pin EBS Socket, 12 Volt

ABS/EBS
ISO/DIN 7638

Part No.	**Description**
7PPLUGEBSMB	7 Pin EBS Plug, 12/24V

ABS/EBS
ISO/DIN 7638

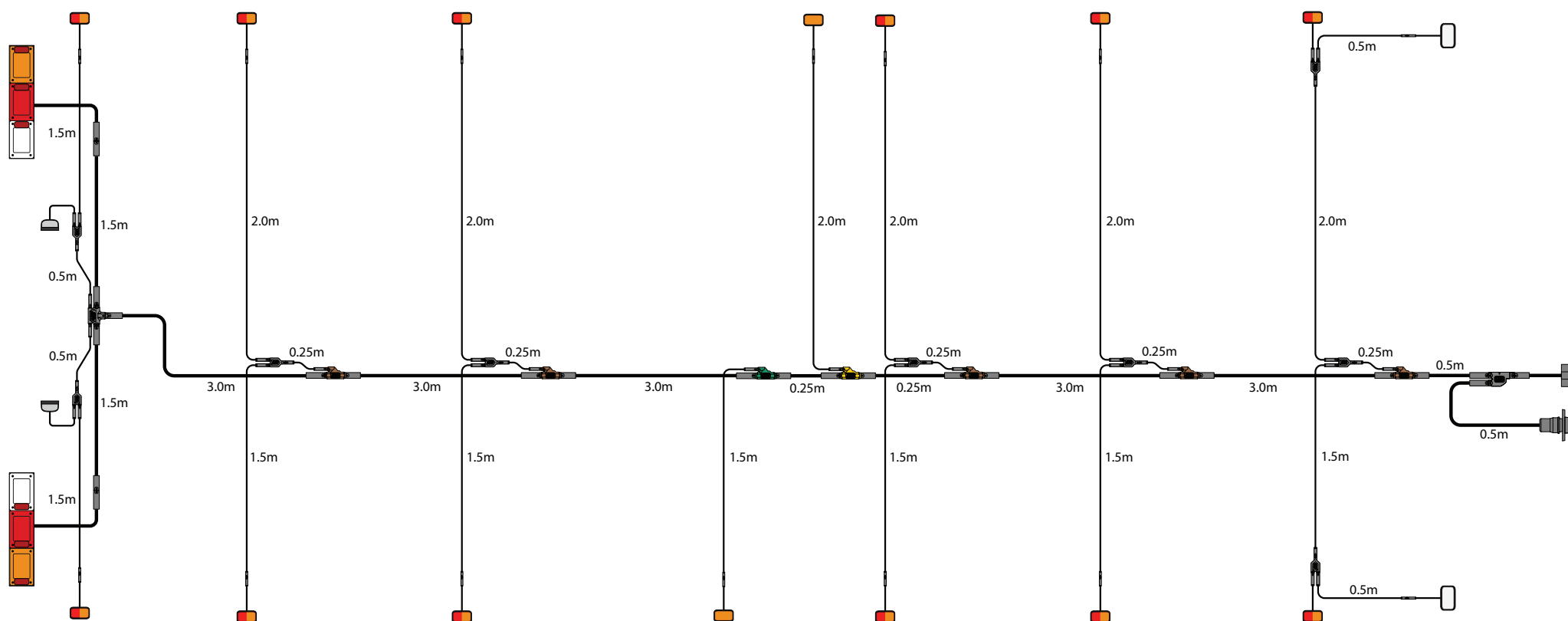| **Part No.**	**Description**
7PSUZIEBSMB	7 Pin Suzi Coil connectors with 300mm extended length from suzi coil on each side Total extended length 4.5m, 12/24 Volt

ABS/EBS
ISO/DIN 7638

Part No.	**Description**
7PSUZIEBSM1B	7 Pin Suzi Coil connectors with 300mm and 1m extended length from suzi coil. Total extended length 5.6m, 12/24 Volt

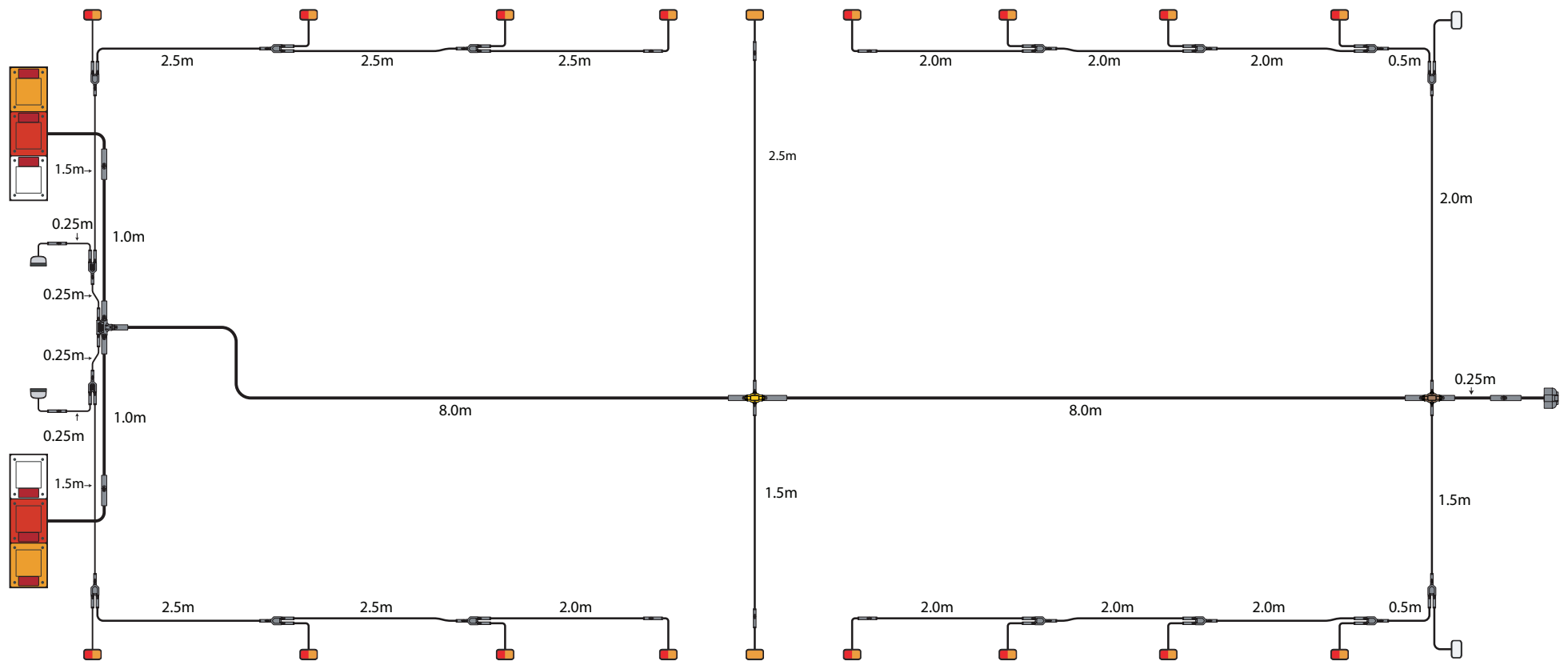# Standard Type Skel or Flat Top Trailer

S K E L   T R A I L E R
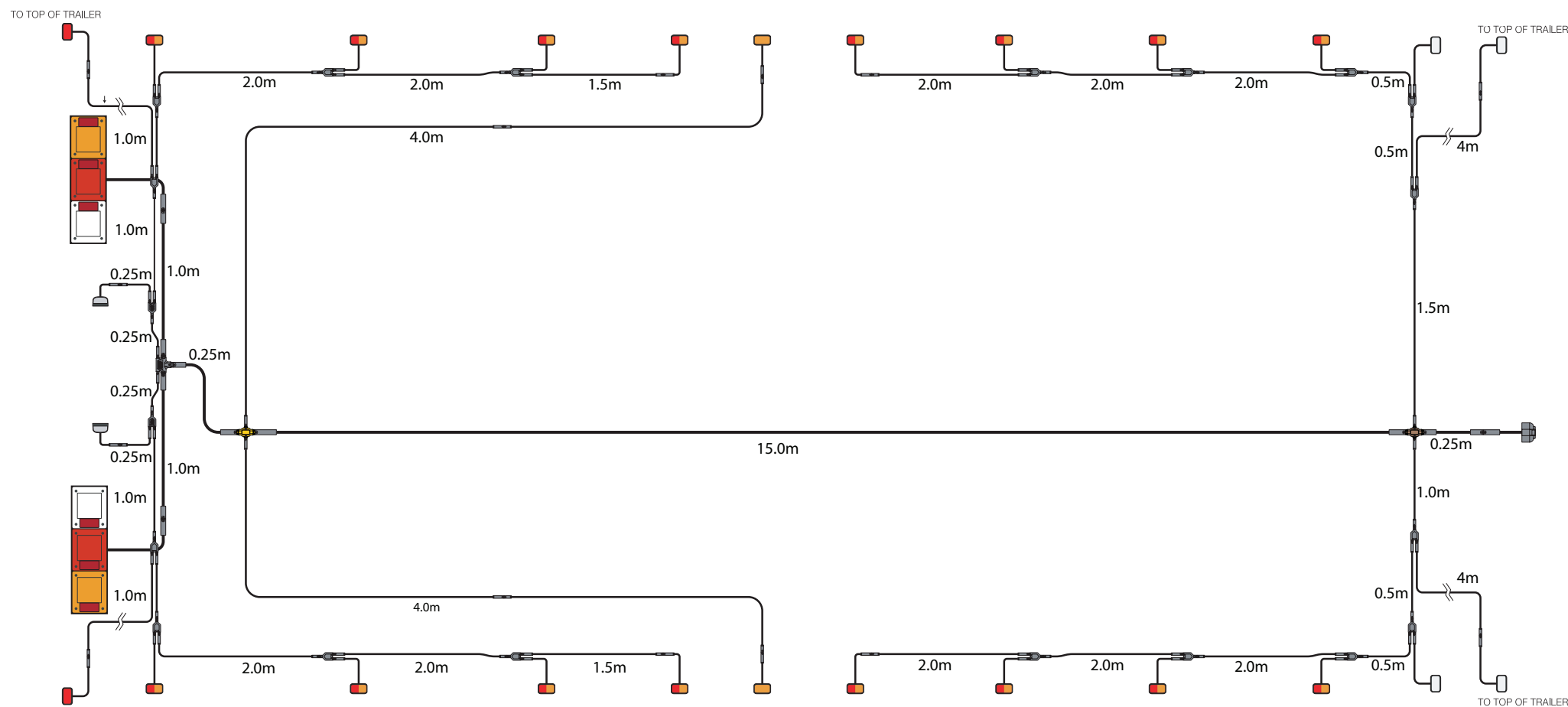S C H E M A T I C

0.5m

1.5m

1.5m

2.0m

2.0m

2.0m

2.0m

2.0m

2.0m

0.5m

0.5m

0.25m

0.25m

0.25m

0.25m

0.25m

0.25m

0.5m

0.5m

0.25m

0.25m

3.0m

3.0m

3.0m

3.0m

3.0m

1.5m

1.5m

1.5m

1.5m

1.5m

1.5m

1.5m

1.5m

0.5m

Flat Bed
Schematic

2.5m   2.5m   2.5m   2.0m   2.0m   2.0m   0.5m

2.5m

1.5m

0.25m
1.0m
0.25m
0.25m
1.0m
0.25m
1.5m

2.0m

8.0m   8.0m

0.25m

1.5m

2.5m   2.5m   2.0m   2.0m   2.0m   2.0m   0.5m

1.5m

27

Refrigerator Trailer
Semi, A Lead, Box

Refrigerator Semi
Schematic

TO TOP OF TRAILER

TO TOP OF TRAILER

2.0m
2.0m
1.5m
2.0m
2.0m
2.0m
0.5m

4.0m
0.5m
4m

1.0m

1.0m

1.5m

0.25m
1.0m

0.25m

0.25m
0.25m

0.25m

15.0m
0.25m

0.25m
1.0m

1.0m
1.0m

1.0m

4m

1.0m

0.5m

1.0m

4.0m
0.5m

2.0m
2.0m
1.5m
2.0m
2.0m
2.0m
0.5m

TO TOP OF TRAILER

TO TOP OF TRAILER

A-Lead Trailer
Schematic

TO TOP OF TRAILER

4.0m

0.25m

2.0m

5.0m

2.5m

2.5m

1.5m

0.25m

1.0m

0.25m

0.25m

0.25m

1.0m

1.5m

4.0m

1.0m

0.25m

0.25m

10.0m

2.0m

5.0m

4.0m

TO TOP OF TRAILER

2.5m

2.5m

2.5m

2.5m

0.25m

4.0m

TO TOP OF TRAILER

4.0m

TO TOP OF TRAILER

0.25m

4.0m

TO TOP OF TRAILER

29

Curtainsider

Curtainsider
Semi Schematic

TO TOP OF TRAILER

TO TOP OF TRAILER

2.0m   2.0m   1.5m   2.0m   2.0m   2.0m   0.5m

0.5m   4m

1.0m

1.0m

0.25m   1.0m

1.0m

0.25m

0.25m

1.5m

8.0m   8.0m   0.25m

0.25m   1.0m

1.0m

1.0m

1.0m   2.0m   1.5m

0.5m   4m

1.0m   0.5m

2.0m   2.0m   1.5m   2.0m   2.0m   2.0m   0.5m

TO TOP OF TRAILER

TO TOP OF TRAILER

Curtainsider
Drop-deck
Schematic
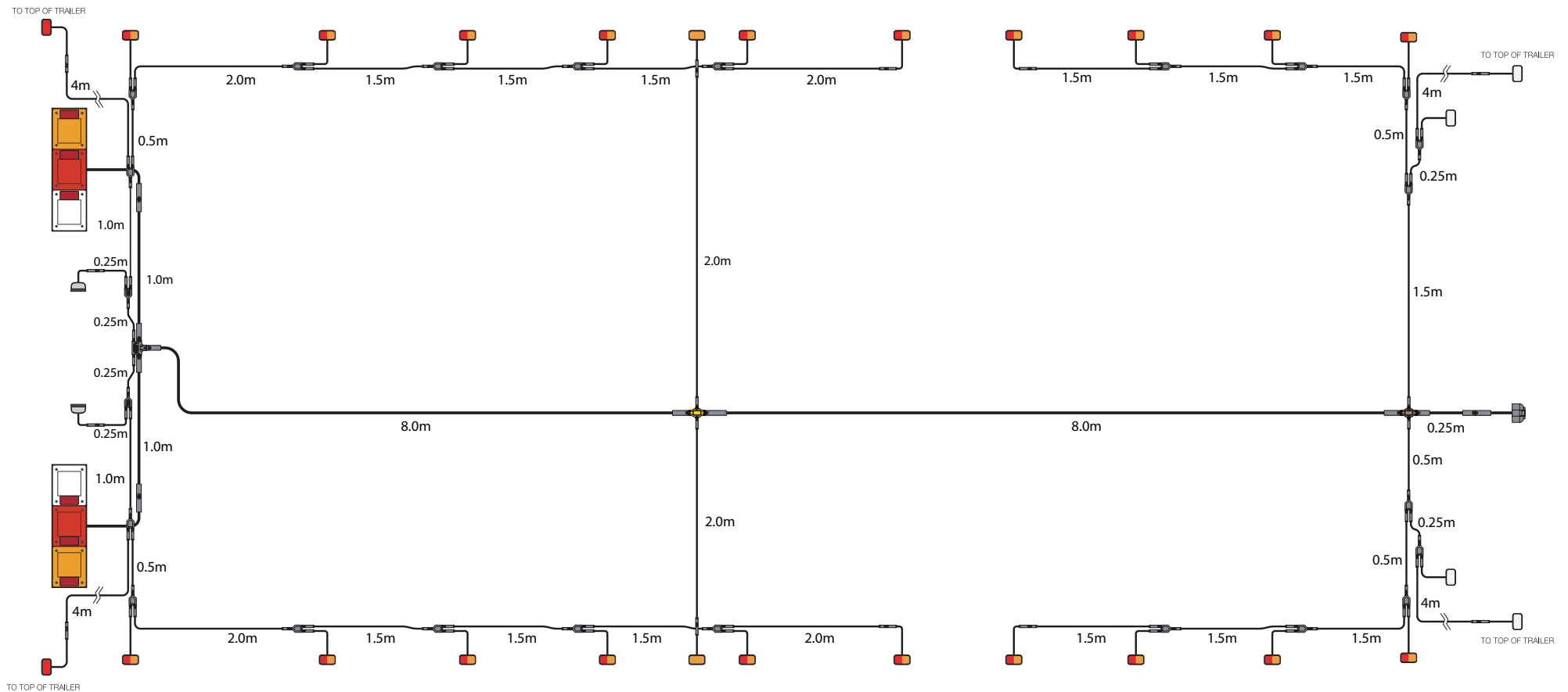
TO TOP OF TRAILER

4m
0.5m
1.0m
0.25m
1.0m
0.25m
0.25m
0.25m
1.0m
1.0m
0.5m
4m

2.0m   1.5m   1.5m   1.5m   2.0m

1.5m   1.5m   1.5m

TO TOP OF TRAILER

4m
0.5m
0.25m

2.0m

1.5m

8.0m   8.0m   0.25m

0.5m

0.25m

0.5m

2.0m   2.0m   4m

2.0m   1.5m   1.5m   1.5m   2.0m

1.5m   1.5m   1.5m

TO TOP OF TRAILER

TO TOP OF TRAILER

31

Curtainsider with Dual Function Marker/Indicator

Curtainsider Semi Schematic

TO TOP OF TRAILER
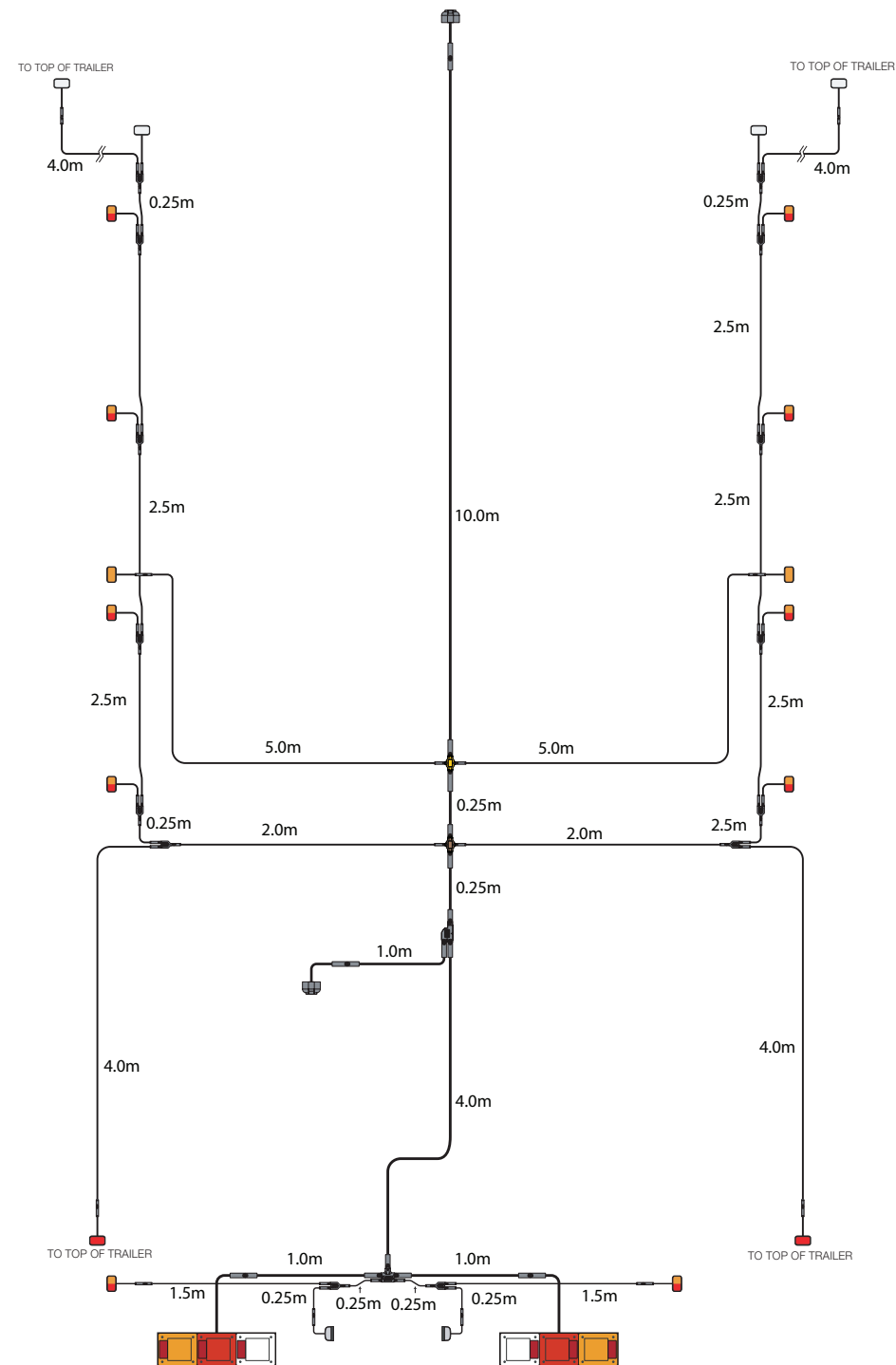
See Page 4 for more on the Dual Function Marker/ Indicator

4.0m
2.0m
2.0m
2.0m
2.0m

2.0m
2.0m
2.0m

0.5m

TO TOP OF TRAILER

4.0m

2.0m

1.0m

1.0m

0.25m

0.25m

0.25m

4.0m

4.0m

15.0m

0.25m

1.0m

2.0m

1.5m

4.0m

4.0m
2.0m
2.0m
2.0m
2.0m

2.0m
2.0m
2.0m

TO TOP OF TRAILER
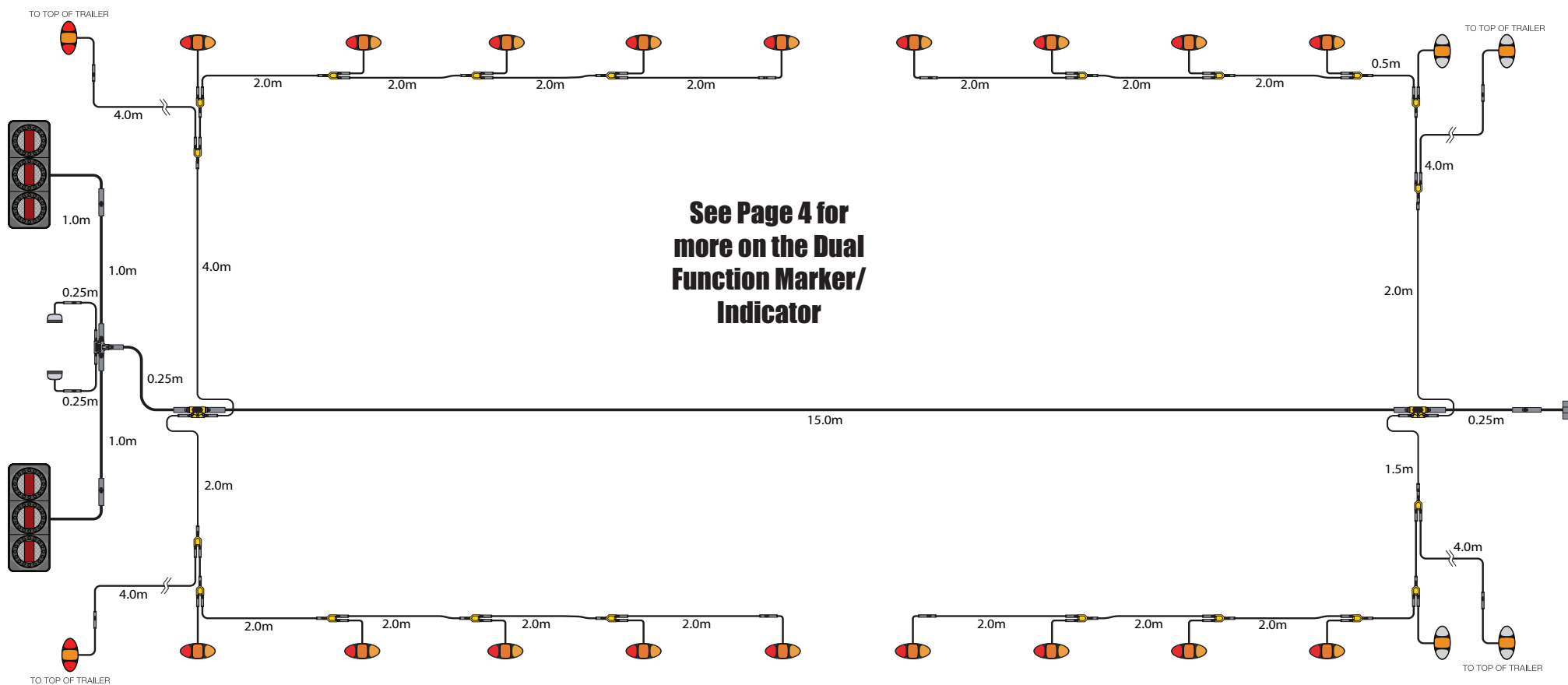
TO TOP OF TRAILER

CURTAINSIDER
RIGID
SCHEMATIC

TO TOP OF TRAILER

4.0m   0.5m   1.0m   1.0m   1.0m   1.0m   1.0m   1.0m   4.0m

TO TOP OF TRAILER

1.5m

0.25m

0.25m

See Page 4 for
more on the Dual
Function Marker/
Indicator

1.5m

4.0m   0.5m   1.0m   1.0m   1.0m   1.0m   1.0m   1.0m   4.0m

TO TOP OF TRAILER

TO TOP OF TRAILER
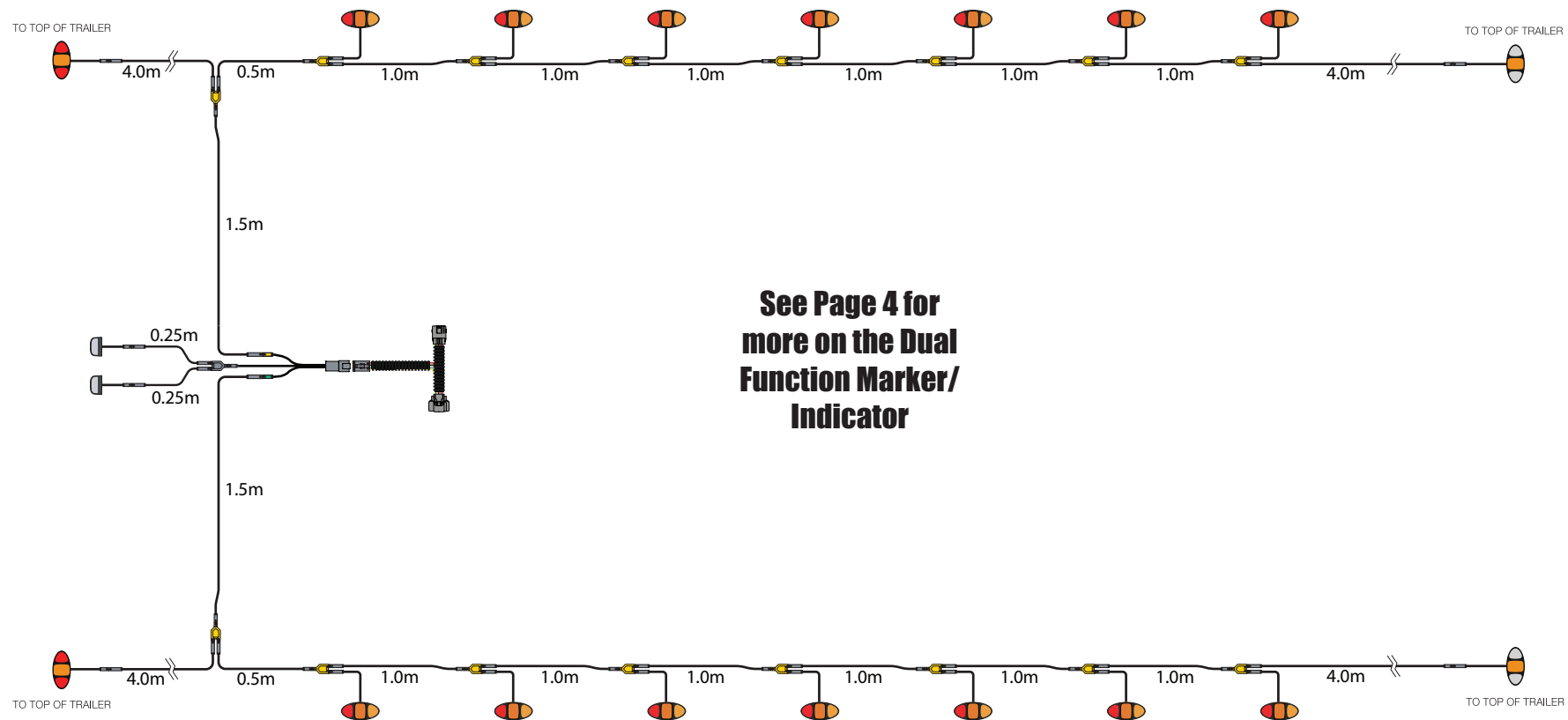
A&B Coupling
Dolly/Tag

LEAD/MIDDLE
CURTAINSIDER

TO TOP OF TRAILER

4.0m

0.25m

2.5m

2.5m

2.5m

0.25m

4.0m

TO TOP OF TRAILER

10.0m

5.0m

5.0m

0.25m

2.0m

2.0m

0.25m

0.25m

1.0m

4.0m

TO TOP OF TRAILER

4.0m

0.25m

2.5m

2.5m

2.5m

2.5m

4.0m

TO TOP OF TRAILER

1.5m

0.25m

1.0m

0.25m

0.25m

1.0m

0.25m

1.5m

Dolly Schematic

1.0m 1.0m

0.25m
0.25m
0.25m
0.25m

1.0m 1.5m

1.5m

1.5m 1.5m 1.5m

1.5m

Tri Axle TAG
Trailer

1.0m

0.5m 1.5m
0.5m
0.5m

0.5m

2.5m 2.0m 2.0m 2.0m 2.5m 2.0m

2.5m 2.5m 1.5m 0.25m 2.5m 3.0m

1.0m 1.0m 1.5m 1.5m 1.5m 2.0m 1.5m

35

Standard Type Fuel Liquids Rigid/Tanker Trailer

RIGID TANKER
SCHEMATIC

1.0m

0.25m

1.5m   2.5m

2.0m

Floodlight   1.5m

2.0m

0.25m

1.5m   2.5m

0.25m

1.5m   2.5m

1.5m

0.5m   0.5m

1.0m   0.25m   1.5m

1.0m   1.0m

3.0m   4.0m

1.5m   2.5m

TOP OF TANKER   TOP OF TANKER

Tanker Trailer
Schematic

4.0m

4.0m

1.0m

1.5m   0.25m   0.5m   2.0m

0.25m

2.0m

0.25m

1.5m   2.0m   2.5m

0.25m

1.5m   2.0m   2.5m

1.5m   2.5m

0.5m

0.25m

1.5m   2.5m

2.0m

0.25m

1.5m   2.5m

0.5m   0.5m

1.0m   0.25m   1.5m

1.0m   1.0m

3.0m   4.0m

1.5m   2.5m

TOP OF TANKER   TOP OF TANKER   **37**

Rigid Tipper
Dog/Pig Trailers

Rigid Tipper
Schematic

1.0m

1.0m

1.0m

1.0m

1.0m

1.0m

0.25m

1.0m

0.25m

1.0m

1.0m

1.0m

1.0m

1.0m

1.0m

3 Axle Dog Tipper
Schematic

0.5m 0.5m 0.5m 0.5m 0.5m 0.5m 0.5m

1.5m

5.0m

0.25m 1.0m

0.25m 0.25m

0.25m

0.25m

0.25m 1.0m

8.0m

1.5m

5.0m

0.5m 0.5m 0.5m 0.5m 0.5m 0.5m 0.5m

3 Axle Pig Tipper
Schematic

1.0m

0.5m 1.5m

0.5m
0.5m

0.5m

2.0m 2.0m 2.0m

8m

0.25m 2.5m 1.5m 1.5m

1.0m 1.0m

1.5m 1.5m 1.5m

1.5m 1.5m 1.5m

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Rigid Tilt Tray Curtainsider/Tray

TILT TRAY
SCHEMATIC

1.5m
1.5m
1.5m
0.25m
0.25m
0.25m
0.25m
1.0m
0.25m
0.5m
0.25m
1.5m
0.5m

2.5m 0.25m 2.5m 0.25m 2.5m 0.25m 0.25m
0.25m
5.0m
1.5m
0.25m
5.0m
1.5m
5.0m
1.5m
2.5m 2.5m 2.5m 0.25m
0.25m

TRAY TRUCK
SCHEMATIC

1.5m 1.5m 1.5m 1.5m 1.5m 1.5m
1.5m
0.5m
1.0m 0.25m 3.0m 0.25m 3.0m 0.25m 1.0m
0.5m
1.0m
1.5m 1.5m 1.5m 1.5m 1.5m 1.5m
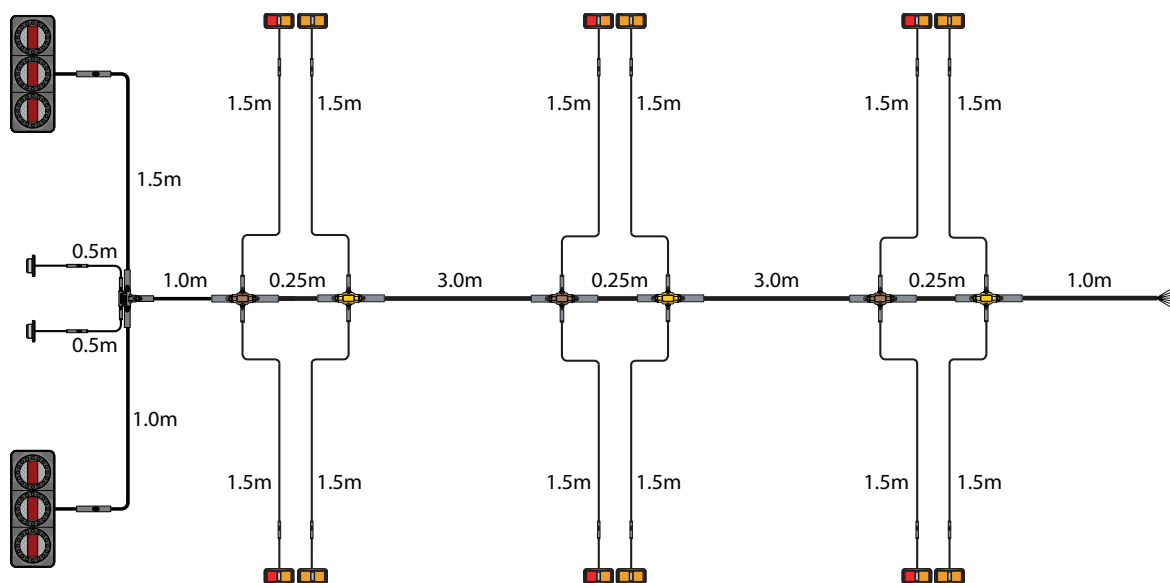
CURTAINSIDER
SCHEMATIC

TO TOP OF TRAILER

4.0m   0.5m   1.0m   1.0m   1.0m   1.0m   1.0m   4.0m   TO TOP OF TRAILER

4.0m

1.5m

0.25m

0.25m

1.5m

4.0m

4.0m   0.5m   1.0m   1.0m   1.0m   1.0m   1.0m   4.0m

TO TOP OF TRAILER   TO TOP OF TRAILER
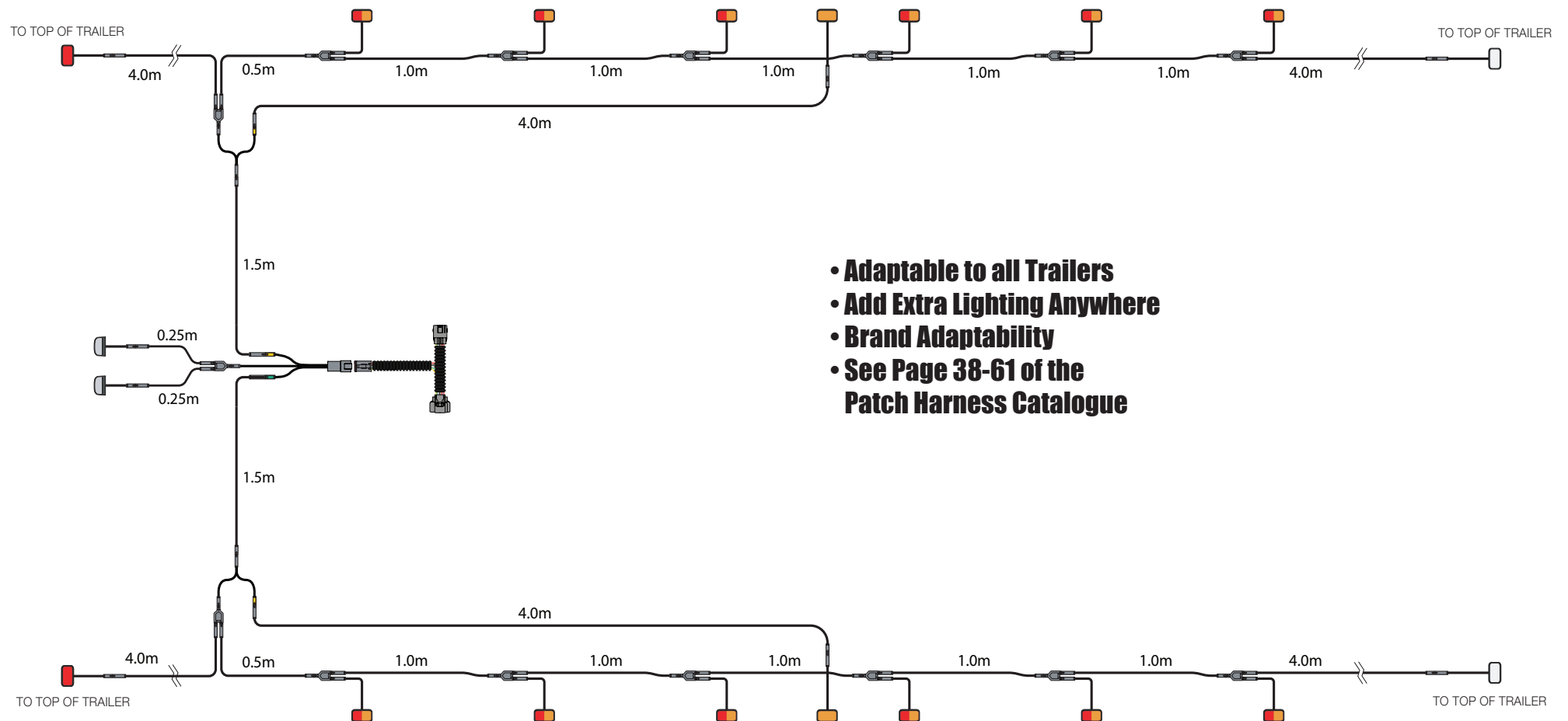
- **Adaptable to all Trailers**
- **Add Extra Lighting Anywhere**
- **Brand Adaptability**
- **See Page 38-61 of the Patch Harness Catalogue**
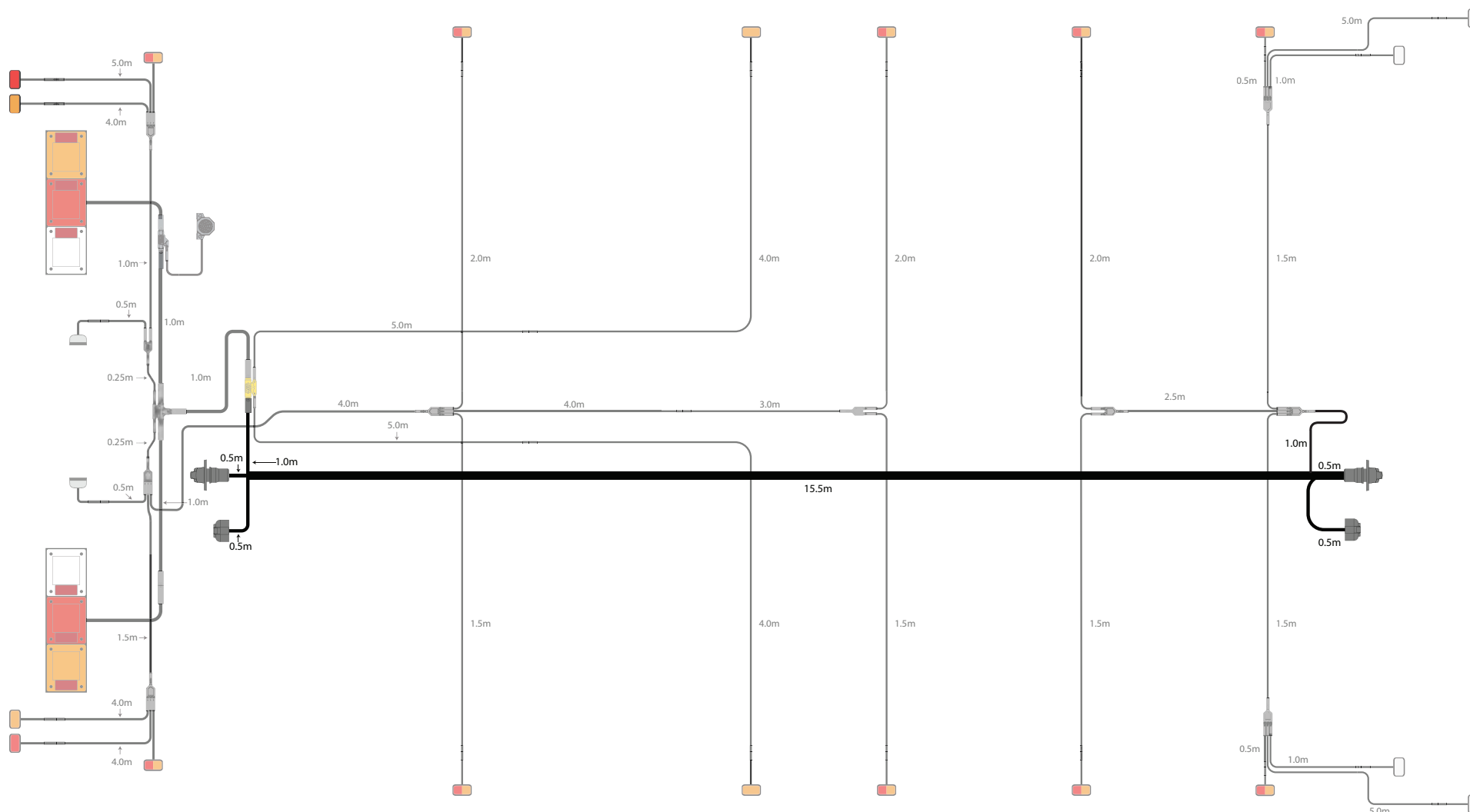
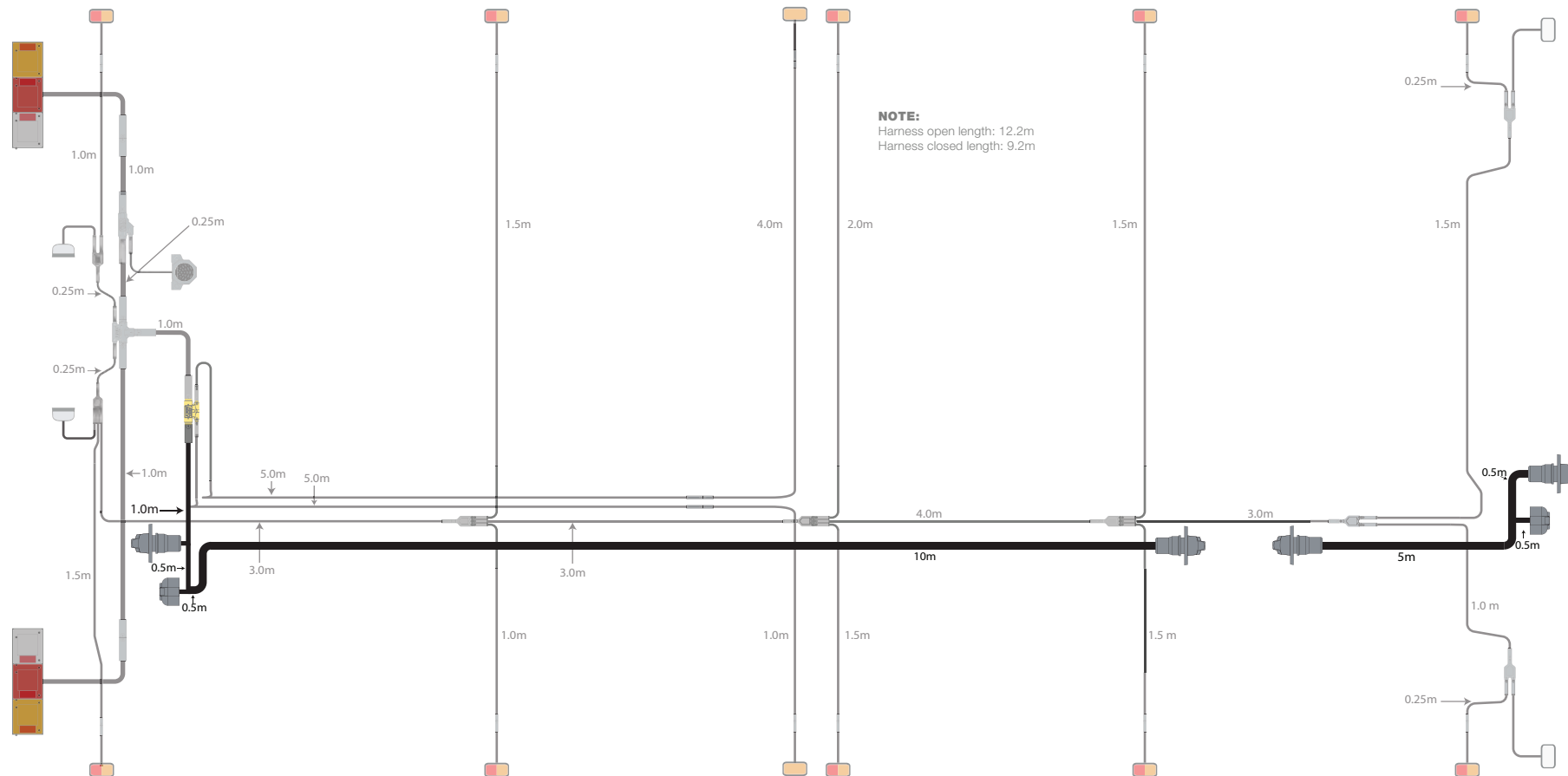# Side Lifters and Drop Decks

SIDE LIFTER
SCHEMATIC

2.0m

1.5m   1.5m

1.0m

1.5m   1.5m

1.0m

1.5m   1.5m

1.0m

1.5m   1.5m

1.0m

1.5m   1.5m

0.5m

1.5m   0.5m   0.5m   1.5m

Drop Deck
Schematic

0.5m   1.5m   1.5m   0.5m

3.2m

1.5m   1.5m

2.5m

1.5m   1.5m

2.0m

1.5m   1.0m   1.5m

0.25m

1.5m   1.0m   1.5m

3.0m

1.5m   1.5m

2.0m

1.5m   1.5m

1.5m   0.5m   0.5m   1.5m
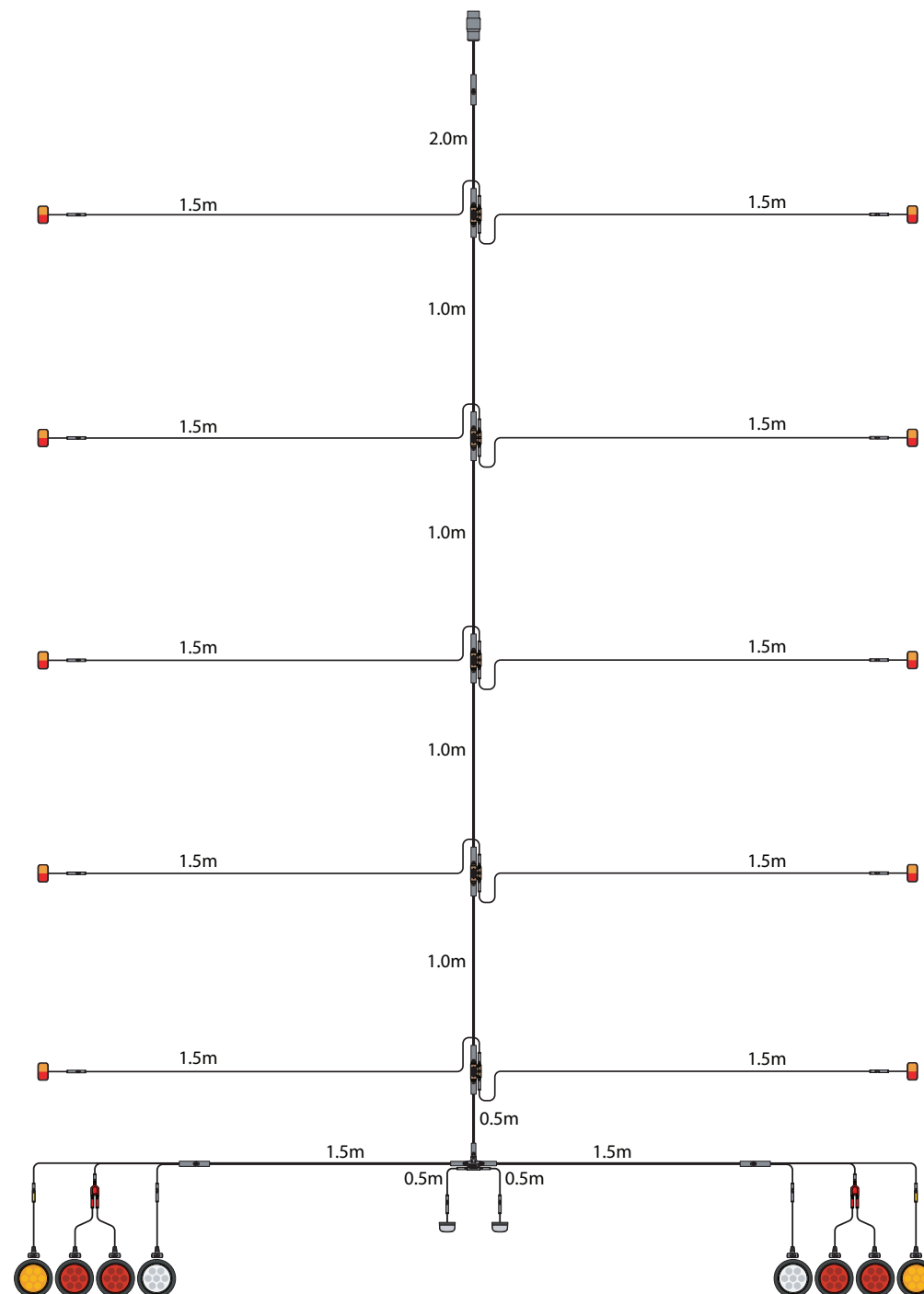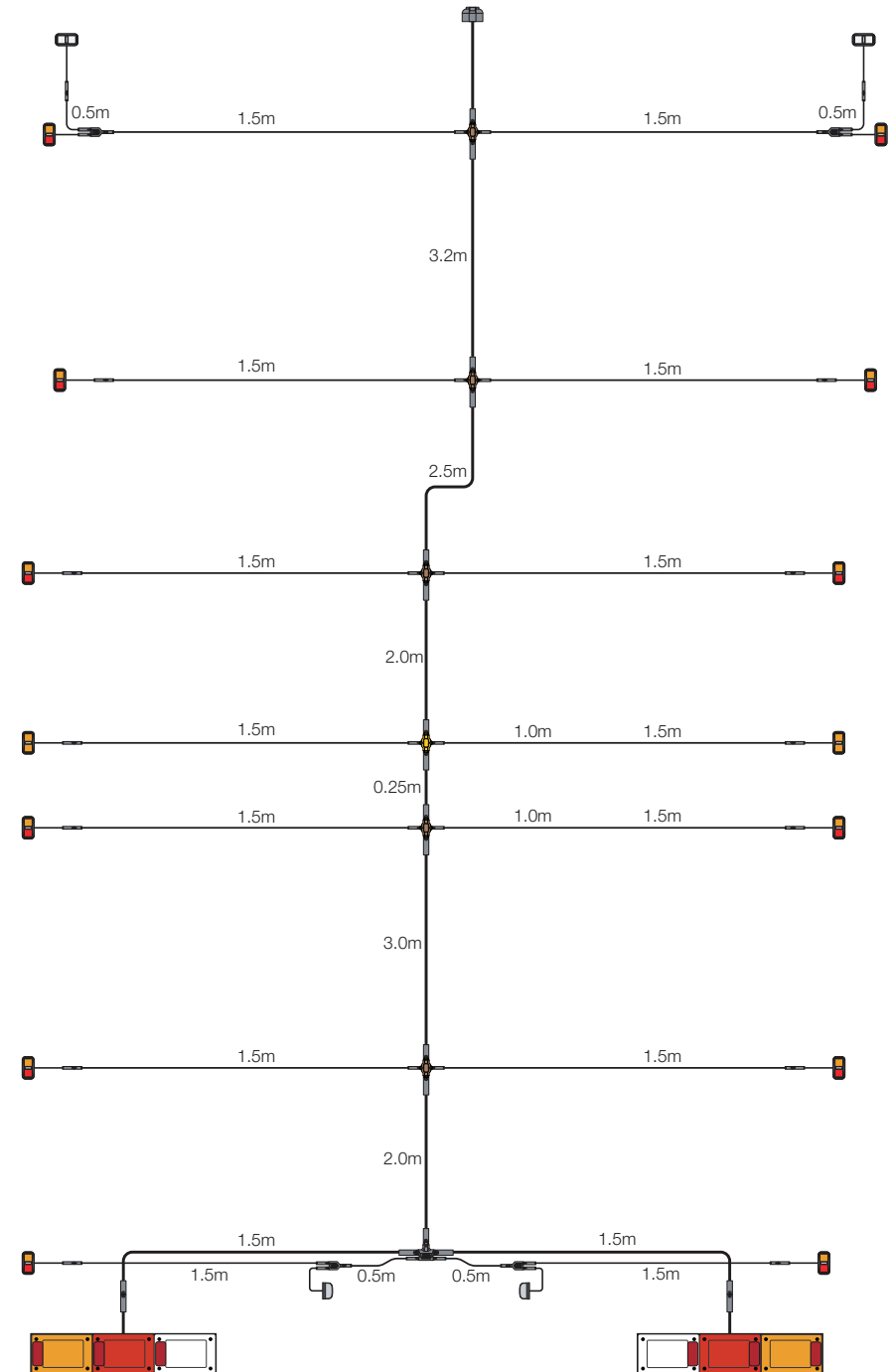
Road Train Adaptability
to ADR 63/00 Vehicle Standards

Trailer compliance for use in road train is made possible with our 7CRTC range of Road Train Cables. We use a 7 Core (6mm) RTC cable that's Australian made, conforms to applicable standards and is professionally adapted to our cable harness and lighting system. Both options available have a total extended length of 15.5m and use high-quality 12V, ISO 1724 and 24V, ISO 1185/DIN 7579 corrosion-resistant aluminium 7 Pin sockets. The standard 7CRTC also offers 2 Core and 7 Core harness plugs, whilst the 7CRTCRT is suited to retractable skeletal trailers when combined with a retractable Suzi cable (See page 24). It also includes our cable harness and lighting system 7 Core plug.

Dᴦᴏᴘᴅᴇᴄᴋ Sᴄʜᴇᴍᴀᴛɪᴄ Exᴀᴍᴘʟᴇ ᴡɪᴛʜ P/N 7CRTC-155M Rᴏᴀᴅ Tʀᴀɪɴ Cᴀʙʟᴇ

NOTE:
Harness open length: 12.2m
Harness closed length: 9.2m

1.0m · 1.0m · 0.25m · 0.25m · 0.25m · 1.0m · 1.0m · 1.5m · 0.25m · 1.5m · 1.0m · 5.0m · 5.0m · 3.0m · 0.5m · 0.5m · 1.5m · 4.0m · 2.0m · 1.5m · 1.5m · 0.25m · 0.5m · 4.0m · 10m · 3.0m · 5m · 0.5m · 0.5m · 1.0 m · 0.25m · 1.0m · 1.0m · 1.5m · 1.5 m · 3.0m

DROPDECK SCHEMATIC EXAMPLE WITH P/N 7CRTCRT-10-5M ROAD TRAIN CABLE

Part No.
7CRT-145M
7CRT-155M

Cable Function
ROAD TRAIN CABLE WITH TOTAL OPEN LENGTH OF 14.5M OR 15.5M, INCLUDES 12V & 24V 7 PIN SOCKETS AT BOTH ENDS WITH 2 CORE & 7 CORE PLUG ADAPTER.

Part No.
7CRTCRT-10-5M

Cable Function
ROAD TRAIN CABLE FOR USE WITH RETRACTABLE SUZI CABLE (SEE PAGE 24). TOTAL OPEN LENGTH 15.5M, INCLUDES 12V & 24V 7 PIN SOCKETS AT THE REAR INCLUDES THE 7 CORE PLUG ADAPTER.