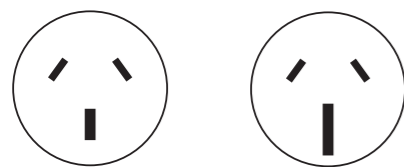


## Screened Extension Cables

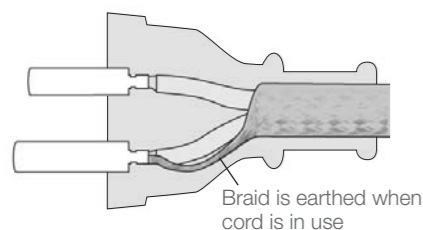


Description	Part No.
<b>Screened Extension Cables</b>	
10m Screened Extension Cable with 10A Plug/Socket	<b>HMEC1010AU</b>
15m Screened Extension Cable with 10A Plug/Socket	<b>HMEC1510AU</b>
20m Screened Extension Cable with 10A Plug/Socket	<b>HMEC2010AU</b>
25m Screened Extension Cable with 10A Plug/Socket	<b>HMEC2510AU</b>
20m Screened Extension Cable with 15A Plug/Socket	<b>HMEC2015AU</b>
30m Screened Extension Cable with 15A Plug/Socket	<b>HMEC3015AU</b>
40m Screened Extension Cable with 15A Plug/Socket	<b>HMEC4015AU</b>



10A Socket

15A Socket



Braid is earthed when cord is in use

**Electrical safety is an important aspect in the overall Occupation Health and Safety environment, and there is increasing awareness that passive elements like cables and extension cords form a key link in the safety system.**

Permanently installed power cables are protected from mechanical damage by conduit, cable trays and steel wire armour. Extension cords are not so protected. This lower degree of protection is even more obviously an anomaly when it is considered that the extension cords used in construction and maintenance are not only more likely to be damaged mechanically than the permanent cables but also in much closer proximity to people.

Hella Screened Extension Cables are specifically designed to improve safety in a mining and general industry environment by offering a more durable and safer product for tradespeople to use.

Hella Screened Extension Cables are approved to Australian and New Zealand standards AS/NZS 3191/3120/3112 and 3199.

Hella Screened Extension Cables offer superior protection with a durable protective UV resistant outer sheath made from PVC that is designed to withstand the general wear and tear of electrical cables in workshop and field applications.

### Product Features

- Triple insulated cable
- Tinned copper braided shield is earthed for additional protection
- Extra soft flex to avoid tangles
- Heavy-duty strain reliefs
- Fully encapsulated plugs and sockets
- Approved to Australian and New Zealand standards AS/NZS 3191/3120/3112 and 9199
- Reduced electromagnetic interference
- No corrosion of conductors from moisture in cables, plugs or sockets
- Plug and socket impact tested to 100 Joule
- Cable impact tested to IK10 (20 Joule)
- 2.5mm<sup>2</sup> conductors on all screened extension cables

Hella screened cables also incorporate clear moulded plug and socket ends for greater protection of the user and the internal conductors by ensuring there is no separation of the plug and cables. These moulded plugs and sockets also prevent moisture ingress to minimise corrosion and ensure a much longer service life.

Hella Screened Extension Cables utilise a tinned braided copper screen for maximum flexibility and electromagnetic suppression of the extension cable. This makes for easy use for the operator in daily applications and avoids time-consuming cable tangles. This protective copper braid offers greater protection against damage to the cable and is also connected to the earth pin on each end of the extension cable ensuring that a residual current device is activated immediately if a catastrophic failure occurs.

The copper conductor cores used in all Hella Screened Extension Cables have a cross sectional area of 2.5mm<sup>2</sup>. This is to ensure minimum voltage drop over the length of the cable and longer life due to the reduction of heat build-up within the product.

Utilising a flexible and safer screened extension cable is a must for every mine, quarry and general industry and is recommended by mining department safety officials as a matter of course.

Hella Screened Extension Cables are available in various length and current options to suit every application.

**Electrical safety is an important aspect in the overall Occupation Health and Safety environment, and there is increasing awareness that passive elements like cables and extension cords form a key link in the safety system.**

Permanently installed power cables are protected from mechanical damage by conduit, cable trays and steel wire armour. Extension cords are not so protected. This lower degree of protection is even more obviously an anomaly when it is considered that the extension cords used in construction and maintenance are not only more likely to be damaged mechanically than the permanent cables but also in much closer proximity to people.

Hella Heavy Duty Screened Extension Cables are designed specifically for ease of use and to improve electrical safety in the mining and construction industries by offering a more durable and safer product for tradespeople to use in wet and dusty environments. The electrical plug and socket are protected against water and dust ingress to **IP66** by a proprietary cover system that mates with the majority industry standard screw covers industrial electrical outlets used in Australia and New Zealand.

Hella Heavy Duty Screened Extension Cable insulation and connectors are moulded using clear protective UV resistant PVC outer sheath enabling users and inspectors to rapidly and reliably visually identify the condition of all the safety features of cables brought onto the site or used in the workshop. A neon lamp indicating if power is present in the cable is incorporated in the socket of all Hella Heavy Duty Screened Extension cables enabling users to immediately identify live circuits, and aid testing.

### Product Features

- Triple insulated cable
- Tinned copper braided shield is earthed for additional protection
- Extra soft flex to avoid tangles
- Heavy-duty strain reliefs
- Fully encapsulated plugs and sockets
- Approved to Australian and New Zealand standards AS/NZS 3191/3120/3112 and 9199
- Reduced electromagnetic interference
- No corrosion of conductors from moisture in cables, plugs or sockets
- Neon safety light fitted in socket
- IP66 rated protection on plug/socket connection when assembled correctly
- IP66 cover designed to suit other major brands of manufacturers
- 2.5mm<sup>2</sup> conductors on all screened extension cables

Extended service life and greater user safety is ensured by reducing moisture ingress into the extension cable itself through the use of clear moulded plug and socket ends ensuring a perfect seal and stress transfer between the electrical connectors and the cable itself. The electrical conductors and screen are welded to the connector pins to minimize contact resistance and the risk of separation between the plug and cables.

Hella Screened Extension Cables utilise a braided tinned copper screen for maximum flexibility across a wide range temperature range, and avoids time-consuming cable tangles.

The earthed screen provides significantly improved suppression of electro magnetic fields radiated by the cable, and provides additional protection for equipment connected to the cables against induced currents. As the first contact caused by mechanical damage to the cable is to the earthed screen it ensures that a residual current device is activated immediately.

The copper conductor cores used in all Hella Screened Extension Cables have a cross sectional area of 2.5mm<sup>2</sup>. This is to ensure minimum voltage drop over the length of the cable and longer life due to the reduction of heat build-up within the product.

Hella Heavy Duty Screened Extension Cables are approved to Australian and New Zealand standards AS/NZS 3191/3120/3112 and 3199.

Utilising a flexible and safer screened extension cable with IP66 rating or better ingress protection is a must for every mine, quarry and general industry and is recommended by mining department safety officials as a matter of course.

Hella Heavy Duty Screened Extension Cables are available in various length and current options to suit every application.

## Heavy Duty Screened Extension Cables



Description	Part No.
<b>Heavy Duty Screened Extension Cables</b>	
20m HD Screened Extension Cable with 10A Plug/Socket	<b>HMIC2010AU</b>
20m HD Screened Extension Cable with 15A Plug/Socket	<b>HMIC2015AU</b>
30m HD Screened Extension Cable with 20A Plug/Socket	<b>HMIC3020AU</b>

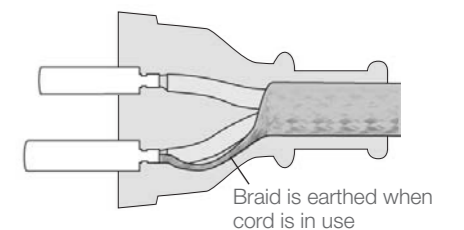
**IP66**



10A Socket

15A Socket

20A Socket



Braid is earthed when cord is in use