LEGRAND’S ENVIRONMENTAL COMMITMENTS

• Incorporate environmental management into our industrial sites
  Of all Legrand sites worldwide (belonging to Legrand for more than five years), over 85% are ISO 14001 certified.

• Offer our customers environmentally friendly solutions
  Develop innovative solutions to help our customers design more energy efficient, better managed and more environmentally friendly installations.

• Involve the environment in product design
  Reduce the environmental impact of products over their whole life cycle.
  Provide our customers with all relevant information (composition, consumption, end of life, etc.).

REFERENCE PRODUCT

<table>
<thead>
<tr>
<th>Function</th>
<th>To transmit a communication signal on 1 m, at a frequency of 31.25 Hz, during 10 years and a 100% use rate in accordance with MS/TP (RS485). Lifetime and use rate correspond to the application Building - LAN industrial (factories, warehouses) applicationas defined in the table given in Appendix 1 of the specific rules for wire, cables and accessories.</th>
</tr>
</thead>
</table>
| Reference Product | Part Number: LMRJ  
Cat. 5e Cable |
 PRODUCTS CONCERNED

The environmental data is representative of the following products:

LMRJ-Pxx and LMRJ-xx

Where “x” is length in feet.

 CONSTITUENT MATERIALS

This Reference Product contains no substances prohibited by the regulations applicable at the time of its introduction to the market. It respects the restrictions on use of hazardous substances as defined in the RoHS directive 2011/65/EC.

<table>
<thead>
<tr>
<th>Constituent</th>
<th>Weight Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polyethylene</td>
<td>19.8%</td>
</tr>
<tr>
<td>PVC</td>
<td>26.9%</td>
</tr>
<tr>
<td>Copper Alloys</td>
<td>19.9%</td>
</tr>
<tr>
<td>Other Electronic Components</td>
<td>.6%</td>
</tr>
<tr>
<td>Cardboard</td>
<td>8.5%</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>24.3%</td>
</tr>
</tbody>
</table>

Total weight of Reference Product (with unit packaging) 42.23g

Estimated recycled material content: 6% of weight.

 MANUFACTURING

The Reference Product comes from sites that have received ISO 14001 certification.

 DISTRIBUTION

Products are distributed from logistics centers located to optimize transport efficiency using EPA SmartWay® certified carriers to reduce greenhouse gas emissions. Information on the distance of distribution is not available, so the PCR hypothesis for “Intercontinental transport,” 2175 miles (3500 km) by heavy truck, was used. This represents transportation of the Reference Product from our warehouse to the local point of distribution in the North American market.
PRODUCT ENVIRONMENTAL PROFILE

Wattstopper® - LMRJ-100

**INSTALLATION**

No required components, products, parts nor processes for installation. No electricity is required for installing the Reference Product.

**USE**

Servicing and maintenance:
Under normal conditions of use, this type of product requires no servicing or maintenance.

Consumable:
No consumables are necessary to use this type of product.

**END OF LIFE**

- Hazardous waste' contained in the product: No hazardous waste.
- Hazardous waste as defined by European Commission decision 2000/532/EC.

- Recycling rate:
  Calculated using the method described in the IEC/TR 62635 technical report; the recyclability rate of the Reference Product, including packaging, is estimated as 96%. This value is based on data collected from a technological channel using industrial procedures. It does not pre-validate the effective use of this channel for end-of-life electrical and electronic products.

Separated into: (% mass of Reference Product without packaging)
- plastic materials (excluding packaging): 68%
- metal materials (excluding packaging): 20%
- packaging (all types of materials): 8%

**ENVIRONMENTAL IMPACTS**

The evaluation of environmental impacts examines the stages of the Reference Product life cycle: manufacturing, distribution, installation, use and end of life. It is representative of products marketed and used in North America.

The following modelling elements were taken into account:

| Manufacturing | Packaging taken into account. As required by the PEP ecopassport program, all transport for the manufacturing of the Reference Product, including materials and components, has been taken into account. International transport, as defined by the PCR, was used to take into account transportation from the production site to the final distribution center. The waste generated during manufacturing phase has been taken into account. |
| Distribution | Transport between the last distribution center and an average delivery to the sales area. |
| Installation | The end of life of the packaging (13.82 g) is taken into account at this phase. Transport of packaging to end of life treatment. Per PSR0001 for communication and data cable, impacts concerning the product installation processes should be completed by the PEP user. |
| Use | - Under normal conditions of use, this type of product requires no servicing or maintenance.  
- No consumables are necessary to use this type of product.  
- Product category: Other equipped cable management products - passive products in non-continuous use  
- Use scenario: 100% of the rated current (.0009 W) flowing 100% of the time for a reference lifetime of 10 years. This modeling duration does not constitute a minimum durability requirement.  
| End of life | The default end of life scenario modeled maximizes the environmental impact. |
| Software used | EIME V5 and its database, "CODDE-2015-04," and the indicators defined in the PCR ed 3 in alignment with the EN15804 standard. |
The environmental impact of the Reference Product occurs predominantly during the manufacturing and use phases.

The values of the 27 impacts defined in the PCR-ed3-EN-2015 04 02 are available in the digital database of the pep-ecopassport.org website. The environmental impacts of the Reference Product are representative of the products covered by the PEP, which therefore constitute a homogeneous environmental family.
The impacts for the -P model remain consistent with the values shown above.