128 av. du Maréchal-de-Lattre-de-Tassigny
87045 Limoges Cedex France
Tél. 05 55 06 87 87
Fax. 05 55 06 88 88

Your usual Sales office
www.legrand.com

Product Environmental Profile

RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP

LEGRAND'S ENVIRONMENTAL COMMITMENTS

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

• 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 and provide informations in compliance with ISO 14025
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

Function	Protect, link by a connection point for 10 years (reference service life) with a 25% use rate for an application LAN: Tertiary.
Reference Product	 
	Cat.No LG-679265 + LG-677501
	RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP WHITE 1 MODULE WITH SHUTTER

PRODUCTS CONCERNED

The environmental data is representative of the following products:

Catalogue Numbers
RJ45 : LG-679266 - LG-679465 - LG-679466 - LG-679332
Plate : LG-677501

128 av. du Maréchal-de-Lattre-de-Tassigny
87045 Limoges Cedex France
Tél. 05 55 06 87 87
Fax. 05 55 06 88 88

Your usual Sales office
www.legrand.com

Product Environmental Profile

RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP

PEP ecopassport®

CONSTITUENT MATERIALS

This Reference Product contains no substances prohibited by the regulations applicable at the time of its introduction to the market.

Total weight of Reference Product	**0.099 kg** (all packaging included)

Product alone weight 0.079 kg					
Plastics as % of weight		**Metals as % of weight**		**Other as % of weight**	
PC	**33.7 %**	Steel	**42.5 %**	PWB < 10cm²	**0.8 %**
PBT	**1.4 %**	Copper and copper alloys	**0.5 %**		
PA	**0.5 %**	Others metals	**0.2 %**		
PP	**<0.1 %**				
PS	**<0.1 %**				

Packaging (alone) : 0.020 kg					
PP	**2.9 %**			Cardboard	**17.3 %**
PVC	**<0.1 %**			Paper	**0.2 %**
Total plastics : 0.035 kg	**38.5 %**	**Total metals : 0.043 kg**	**43.2 %**	**Total others : 0.021 kg**	**18.3 %**

At the date of edition of this document, the content of recycled material(s) is :

- Product alone (excluding packaging): 9% by mass
- Packaging only: 77% by mass

MANUFACTURE

This Reference Product comes from sites that have received ISO14001 certification.

DISTRIBUTION

Products are distributed from logistics centres located with a view to optimize transport efficiency. The Reference Product is therefore transported over an average distance of 740 km by truck from our warehouse to the local point of distribution into the market in India.

Packaging is compliant with applicable regulation.

INSTALLATION

For the installation of the product, only standard tools are needed.

USE

Under normal conditions of use, this product requires no servicing, no maintenance or additional products.

128 av. du Maréchal-de-Lattre-de-Tassigny
87045 Limoges Cedex France
Tél. 05 55 06 87 87
Fax. 05 55 06 88 88

Your usual Sales office
www.legrand.com

Product Environmental Profile

RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP

PEP ecoPASSPORT®

END OF LIFE

The product end of life factors are taken into account during the design phase. Dismantling and sorting of components or materials is made as easy as possible with a view to recycling or failing that, another form of reuse.

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 from products marketed and used in India.

For each phase, the following modelling elements were taken in account:

System Limit	**Manufacture A1-A3**	Materials and components of the product, all transport for the manufacturing, the packaging and the waste generated by the manufacturing.
	Distribution A4	Transport between the last Group distribution centre and an average delivery point in the sales area.
	Installation A5	The end of life of the packaging.
	Use B1-B7	• Product category: Copper telecom accessories. • Use scenario: LAN tertiary, non-continuous operation for 10 years, cat 6 for 25% of the time . This modelling duration does not constitute a minimum durabilty requirement. • Electricity Mix_Low voltage_2018_India_IN.
	End of life C1-C4	Choice of end-of-life by default model for PCR-ed4-EN-2021 09 06
D Module		Module D is calculated according to PCR-ed4-EN-2021 09 06 based on the materials recycled and the modelled end-of-life scenario. It expresses the net benefits and loads beyond the boundaries of the system, and are not to be included in the life cycle totals.
Software and data-base used		The indicators set used is « Indicators for PEF EF 3.0 (compliance: PEP ed.4, EN15804+A2) v2.0 » EIME V6 & its database CODDE-2023-02

Unless otherwise indicated the modelling energetic mix are those integrated in the data modules used from the aformentioned database.

128 av. du Maréchal-de-Lattre-de-Tassigny
87045 Limoges Cedex France
Tél. 05 55 06 87 87
Fax. 05 55 06 88 88

Your usual Sales office
www.legrand.com

Product Environmental Profile

RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP

PEP ecopassport®

ENVIRONMENTAL IMPACTS

	Total Life Cycle		Manufacturing	Distribution	Installation	Use[1]			End of Life	Module D
			A1-A3	A4	A5	Total B1-B7	B2	B6	C1-C4	
Climate change - total	**8.53E-01**	**kg CO2 eq.**	5.41E-01	3.73E-03	1.07E-02	7.28E-02	0*	7.28E-02	2.26E-01	-7.76E-02
Climate change - fossil fuels	**8.37E-01**	**kg CO2 eq.**	5.31E-01	3.73E-03	1.07E-02	7.28E-02	0*	7.28E-02	2.19E-01	-7.98E-02
Climate change - biogenics	**1.62E-02**	**kg CO2 eq.**	9.74E-03	0*	0*	7.07E-06	0*	7.07E-06	6.41E-03	2.19E-03
Climate change - land use and land use transformation	**4.99E-05**	**kg CO2 eq.**	4.99E-05	0*	0*	0*	0*	0*	0*	0.00E+00
Ozone depletion	**1.34E-08**	**kg.equivalent. CFC-11**	1.21E-08	5.71E-12	3.39E-11	4.18E-10	0*	4.18E-10	8.28E-10	1.06E-10
Acidification (AP)	**3.15E-03**	**mole of H+ equiv**	2.17E-03	2.36E-05	1.50E-05	5.56E-04	0*	5.56E-04	3.83E-04	-2.86E-04
Freshwater eutrophication	**4.28E-06**	**kg P eq.**	1.89E-06	1.40E-09	3.63E-09	6.42E-09	0*	6.42E-09	2.38E-06	2.89E-07
Marine aquatic eutrophication	**5.14E-04**	**kg of N equiv**	3.65E-04	1.11E-05	6.71E-06	5.91E-05	0*	5.91E-05	7.21E-05	-2.65E-05
Terrestrial eutrophication	**5.66E-03**	**mole of N equiv**	3.97E-03	1.21E-04	7.28E-05	6.80E-04	0*	6.80E-04	8.19E-04	-3.68E-04
Photochemical ozone formation	**1.90E-03**	**kg of NMVOC equiv**	1.38E-03	3.06E-05	1.72E-05	1.97E-04	0*	1.97E-04	2.74E-04	-1.73E-04
Depletion of abiotic resources - elements	**3.39E-05**	**kg.equivalent. Sb**	3.38E-05	0*	0*	0*	0*	0*	6.94E-08	-3.83E-06
Depletion of abiotic resources - fossil fuels	**3.11E+01**	**MJ**	2.27E+01	5.19E-02	1.99E-02	1.15E+00	0*	1.15E+00	7.23E+00	-7.34E+00
Water requirement	**2.27E-01**	**m3 of equiv. deprivation worldwide**	1.72E-01	0*	2.40E-03	3.22E-03	0*	3.22E-03	4.93E-02	-3.77E-02
Emission of fine particles	**1.85E-08**	**incidence of diseases**	1.32E-08	1.92E-10	8.30E-11	3.00E-09	0*	3.00E-09	1.98E-09	-1.39E-09

* represents less than 0.01% of the total life cycle of the reference flow
(1) For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table

In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

128 av. du Maréchal-de-Lattre-de-Tassigny
87045 Limoges Cedex France
Tél. 05 55 06 87 87
Fax. 05 55 06 88 88

Your usual Sales office
www.legrand.com

Product Environmental Profile

RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP

PEP ecopassport®

	Total Life Cycle		Manufacturing	Distribution	Installation	Use[1]			End of Life	Module D
			A1-A3	A4	A5	Total B1-B7	B2	B6	C1-C4	
Ionizing radiation. human health	**1.56E+00**	**kBq of U235 equiv.**	1.56E+00	0*	0*	3.74E-03	0*	3.74E-03	1.68E-03	-8.53E-02
Ecotoxicity (fresh water)	**2.96E+01**	**CTUe**	1.01E+01	0*	1.05E-01	1.39E+00	0*	1.39E+00	1.80E+01	2.51E-01
Human toxicity. carcinogenic effects	**1.36E-08**	**CTUh**	1.34E-08	0*	1.38E-10	9.34E-12	0*	9.34E-12	3.84E-11	-8.29E-10
Human toxicity. non-carcinogenic effects	**1.55E-08**	**CTUh**	1.24E-08	7.08E-12	5.00E-11	5.37E-10	0*	5.37E-10	2.47E-09	-3.40E-09
Impacts related to land use/soil quality	**1.57E-01**	**-**	1.51E-01	0*	0*	1.26E-04	0*	1.26E-04	6.14E-03	1.83E-04
Use of renewable primary energy. excluding renewable primary energy resources used as raw materials	**3.68E-01**	**MJ**	3.01E-01	6.93E-05	6.48E-05	6.38E-02	0*	6.38E-02	2.78E-03	-6.20E-02
Use of renewable primary energy resources used as raw materials	**1.27E-01**	**MJ**	1.27E-01	0*	0*	0*	0*	0*	0*	2.67E-01
Total use of renewable primary energy resources (primary energy and primary energy resources used as raw materials)	**4.95E-01**	**MJ**	4.28E-01	6.93E-05	6.48E-05	6.38E-02	0*	6.38E-02	2.78E-03	2.05E-01
Use of non-renewable primary energy. excluding non-renewable primary energy resources used as raw materials	**2.98E+01**	**MJ**	2.13E+01	5.19E-02	1.99E-02	1.15E+00	0*	1.15E+00	7.23E+00	-7.37E+00
Use of non-renewable primary energy resources used as raw materials	**1.33E+00**	**MJ**	1.33E+00	0*	0*	0*	0*	0*	0*	3.06E-02
Total use of non-renewable primary energy resources (primary energy and primary energy resources used as raw materials)	**3.11E+01**	**MJ**	2.27E+01	5.19E-02	1.99E-02	1.15E+00	0*	1.15E+00	7.23E+00	-7.34E+00

* represents less than 0.01% of the total life cycle of the reference flow
(1) For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table

In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

128 av. du Maréchal-de-Lattre-de-Tassigny
87045 Limoges Cedex France
Tél. 05 55 06 87 87
Fax. 05 55 06 88 88

Your usual Sales office
www.legrand.com

Product Environmental Profile

RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP

PEP ecopassport®

	Total Life Cycle		Manufacturing	Distribution	Installation	Use[1]			End of Life	Module D
			A1-A3	A4	A5	Total B1-B7	B2	B6	C1-C4	
Use of secondary materials	**2.89E-02**	**kg**	2.89E-02	0*	0*	0*	0*	0*	0*	0.00E+00
Use of renewable secondary fuels	**0.00E+00**	**MJ**	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Use of non-renewable secondary fuels	**0.00E+00**	**MJ**	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Net use of fresh water	**5.88E-03**	**m3**	4.60E-03	0*	5.59E-05	7.50E-05	0*	7.50E-05	1.15E-03	-8.77E-04
Hazardous waste disposed of	**5.59E-01**	**kg**	4.77E-01	0*	0*	2.23E-03	0*	2.23E-03	7.97E-02	-4.65E-02
Non-hazardous waste disposed of	**3.10E-01**	**kg**	2.28E-01	1.31E-04	2.05E-02	1.26E-02	0*	1.26E-02	4.91E-02	1.09E-02
Radioactive waste disposed of	**1.45E-04**	**kg**	1.42E-04	9.31E-08	1.33E-07	4.54E-07	0*	4.54E-07	2.91E-06	4.90E-06
Components for re-use	**0.00E+00**	**kg**	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Materials for recycling	**4.53E-02**	**kg**	1.10E-02	0*	0*	0*	0*	0*	3.43E-02	0.00E+00
Materials for energy recovery	**0.00E+00**	**kg**	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Exported energy	**0.00E+00**	**MJ by energy vector**	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Total use of primary energy during the life cycle	**3.16E+01**	**MJ**	2.31E+01	5.20E-02	2.00E-02	1.21E+00	0*	1.21E+00	7.23E+00	-7.13E+00

Biogenic carbon content of the product	**0.00E+00**	**kg of C.**	0*	0*	0*	0*	0*	0*	0*	0.00E+00
Biogenic carbon content of the associated packaging	**4.86E-03**	**kg of C.**	4.86E-03	0*	0*	0*	0*	0*	0*	0.00E+00

For biogenic carbon storage, the methodology use is 0/0

* represents less than 0.01% of the total life cycle of the reference flow
(1) For the Use phase and according to the current PCR, the information modules B1, B3, B4, B5 and B7, all having indicator values equal to «0» (zero), are not listed in this table

In accordance with current PCR rules, the environmental indicator values in the «Module D» column must not be summed with the values in the «Total Life Cycle» column

The values of the indicators defined in the PCR-ed4-EN-2021 09 06 are available in the digital database of pep-ecopassport.org website.

For products covered by the PEP other than the Reference product, the environmental impacts of each phase of the lifecycle are calculated with :

128 av. du Maréchal-de-Lattre-de-Tassigny
87045 Limoges Cedex France
Tél. 05 55 06 87 87
Fax. 05 55 06 88 88

Your usual Sales office
www.legrand.com

Product Environmental Profile

RJ45 SOCKET MYRIUS NEXTGEN CATEGORY 6 UTP

Associated references	Coefficient of extrapolation of environnemental indicators						
	Designation	Total life Cycle	Manufacturing [A1-A3]	Distribution [A4]	Installation [A5]	Use [B1-B7]	End of life [C1-C4]
LG-679265	Myrius RJ45 Utp Cat 6 Tool-less With Shutter 1M White	1,0	1,0	1,0	1,0	1,0	1,0
LG-679266	Myrius RJ45 Utp Cat 6 Tool-less With Shutter 2M White	1,1	1,1	1,1	1,2	1,0	1,1
LG-679465	Myrius RJ45 Utp Cat 6 Tool-less With Shutter 1M Charcoal Grey	1,0	1,0	1,0	1,0	1,0	1,0
LG-679466	Myrius RJ45 Utp Cat 6 Tool-less With Shutter 2M Charcoal Grey	1,1	1,1	1,1	1,2	1,0	1,1
LG-679332	Myrius RJ45 Cat 6 Utp Antibacterial 1 Module	1,0	1,0	1,0	1,0	1,0	1,0

Registration number: **LGRP-01838-V01.01-EN**	Drafting rules: **«PEP-PCR-ed4-EN-2021 09 06» Supplemented by «PSR-0005-ed3-2022 06 06»**
Verifier accreditation N°: **VH02**	Information and reference documents: **www.pep-ecopassport.org**
Date of issue: **11-2023**	Validity period: **5 years**
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006	
Internal ☒ **External** ☐	
The PCR review was conducted by a panel of experts chaired by Julie ORGELET (DDemain)	
PEP are compliant with XP C08-100-1 :2016 or EN 50693 :2019 The elements of the present PEP cannot be compared with elements from another program	
Document in compliance with ISO 14025 : 2006: «Environmental labels and declarations. Type III environmental declarations»	

Environmental data in alignment with EN 15804: 2012 + A2 : 2019