



Environmental Product Declaration

Product

Type of equipment / Product No.	FN2006-A1 / S54400-A109-A1 FN2006-U1 / S54400-A61-A1 FN2007-A1 / S54400-A110-A1 FN2007-U1 / S54400-A62-A1
Designation	Fiber network module (SM) Fiber network module (SM) Fiber network module (MM) Fiber network module (MM)
Product line	FS20

Process control

Siemens Schweiz AG Building Technologies Division Gubelstrasse 22 6301 Zug - CH			
Management System	since	by	
ISO 14001 (Environment)	06.12.2002	Gerling Cert	
ISO 9001 (Quality)	06.11.1989	SQS / VdS	

Environmentally compatible product design

Product responsibility of Siemens covers the entire product life cycle. Siemens already assesses, avoids and minimizes the environmental impact of its products with respect to production, procurement, sales, use, services and disposal during the product and process planning phases by complying Siemens Standard SN 36350 "Environmentally compatible products".

Product use

Typical energy consumption	28kWh/a
Maintenance	Not necessary
Fire load	4MJ

Packaging

20-PAP Corrugated fiber board	folding box	99g
PU-Foam	foam	10g
PE	polyethylen bag	16g
PE	PE-Minigrip	2g
PE	connector-kit bags	10g
Notes on disposal	recyclable	

Materials

Total weight of device		variant *) see below	
The total weight of a device may deviate from the total of the weights of all individual components due to rounding.			
PES	design foil	3g	
PC	connector-kit	23g	
PA66	connector-kit	24g	
PE	10 LED	2g	
Metals	steel CrNi	metal sheet base	182g
	steel CrNi	cover	183g
	steel CrNi	10 contact-springs	2g
	steel CrNi	7 lens head screws M3x6	4g
	steel CrNi	2 flat head screws M3x6	1g
	Al	cover plate	56g
	Steel	2 flat head screws M4x6	variant

	Al	cap rail clip	variant
	Zn / Zn alloy	connector-kit	152g
	Steel	connector-kit	25g
PCBAs (Printed Circuit Board assembled)	FR4; TBBA; solder SnAgCu	PCB progr. FN2006	variant
	FR4; TBBA; solder SnAgCu	PCB progr. FN2007	variant

***Variant parts list**

Total weight of device
2 flat head screws M4x6
cap rail clip
PCB progr. FN2006
PCB progr. FN2007

[g]	FN2006-A1	FN2006-U1	FN2007-A1	FN2007-U1
	792	771	792	771
	2		2	
	19		19	
	117	117		
			117	117

Disposal



The device is classified as waste electronic equipment in terms of the European Directive 2002/96/EC (WEEE) and must not be disposed of as unsorted municipal waste. The relevant national legal rules are to be adhered too. Regarding disposal, use the systems setup for collecting electronic waste. Observe all local and applicable laws.

Comments

EU-directive 2002/95/EC (RoHS)

The device is free from substances banned by the EU-Directive 2002/95/EC (RoHS) - allowing for the exemptions acc. to Decision 2010/571/EU:
Pb, Hg, Cr6+, PBB, PBDE: <0.1% by weight in homogeneous materials
Cd: <0.01% by weight in homogeneous materials

Regulation (EC) No. 1907/2006 (REACH)

To the best of our knowledge and according to the information of our suppliers the above mentioned device and its packaging contain no substances of the candidate list according to Article 59 (1, 10) of the regulation (EC) No. 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) in concentrations above 0.1 % w/w.

Status according to the creation date of this document.

The device is halogen-free with exception of:
PCB (TBBA)

Legal Disclaimer: This declaration is for information purpose only.

This Environmental Product Declaration does not constitute a guarantee of the composition of a product, neither does it guarantee that the product will retain a particular composition for a particular period.

Siemens Schweiz AG therefore does not assume liability for any error or for any consequences which may arise from the use of this information to the maximum extent under the law.

Please contact your local Siemens branch office to get further information on environmental aspects and disposal.