

# FutureCom™ S250 Module, LANscape®, white

Category 6, white

CORNING

The FutureCom E S250 module is suitable for the transmission of digital data signals for conventional applications in compliance with ISO/IEC 11801 (2002) and EN 50173-1 (2003). The module is also suitable for applications like PoE in compliance with IEEE 802.3af (2003). For the connection of the cables to the modules and the installation of the modules into the outlets no special tools are required. The individual single shielding of the modules is compellingly necessary for these high bit rate applications.

The FutureCom E S250 modules are suitable for all installation applications, e.g. ISO 55-65 raceway, surface and flush mounting and all LANscape systems. The electrical characteristics which can be emphasized offer a sufficient future security for all applications (1GbE).

## Features

- Quick and easy to install
- No special tools required
- IDC connection (IDC = Insulation Displacement Contacts)
- High density
- Universal application in all modular LANscape® components
- Negligible disturbance effects from interference through the individual shielding of the modules
- Category 6 (2002), de-embedded



## Specifications

General Specifications	
Category	6
Bandwidth	250 MHz
Application	1000Base-T
Dust protection	No
Halogen-free	Yes

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## Temperature Range

Installation and assembly	-20 °C to 70 °C
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## Design - Hardware

Jack type	RJ45 - 8/8
Housing material	Metal
Colour	White
Number of pieces	4

## Mechanical characteristics

Durability of RJ45 jack	> 1500
IDC Contacts	Suitable for AWG 24-AWG22 solid wires
Reproducibility	Several times reusable
Cable entry	0 °
Dimensions (L x W x H)	30.8 mm x 17.7 mm x 22.9 mm

## Chemical characteristics

Flame Retardance	Class UL94 V-0
RoHS	Free of hazardous substances according to RoHS 2002/95/EG
Environmental compatibility	Recyclable and free of heavy metal

## Ordering Information

Part Number	CAXESM-00100-C004
Product Description	S250 <sup>fx</sup> Module, 1x RJ45, shielded, Cat. 6, suitable for consolidation point cable with AWG 26 up to AWG 24 flex cables, incl. copper conducting tape for installation in LANscape® modular patch panels, outlets and floor box solutions
Weight	26.3 g

## Shipping Information

Packing weight	27.3 g
Units per Delivery	1/1

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The Corning logo consists of a solid blue square with the word "CORNING" in white, uppercase, sans-serif font centered within it.

## Notes



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