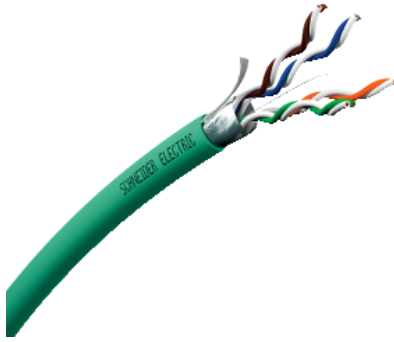


# Product datasheet

Specifications



## Actassi Cable LAN F/UTP 4P Cat5e Euroclass D 155MHz LSZH 305m

VDICD135118

! Discontinued on: 15 June 2023

! Discontinued

### Main

Range	Actassi
Product or component type	Copper cable
Cable packaging	Box of 305 m
Colour tint	Green
Cable shielding type	F/UTP

### Complementary

Type of cable	4 pair cables
Communication network category	5e
Remote powering	PoE 15W (Power over Ethernet) PoE+ 30W (Power over Ethernet Plus)
Communication network type	1000BASE-T
Minimum return loss	Guaranteed: 20.1 dB at 100 MHz
Attenuation	Guaranteed: 22 dB @ 100 MHz
Power sum near-end crosstalk [PSNEXT]	Guaranteed: 32.3 dB at 100 MHz
Attenuation to Crosstalk Ratio Far-end [ACRF]	Guaranteed: 24 dB at 100 MHz
Power sum attenuation crosstalk ratio far-end [PSACRF]	21 dB at 100 MHz
Near end crosstalk [NEXT]	Guaranteed: 35.3 dB at 100 MHz
Coupling attenuation	$\geq 55$ dB from 30...100 MHz conforming to IEC 61156-5, ed. 2 type II $\geq 55 - 20 \times \log_{10}(f / 100)$ dB from 100...1000 MHz conforming to IEC 61156-5, ed. 2 type II
Transfer impedance	$\leq 50$ mOhm/m at 1 MHz (grade 2) $\leq 1000$ mOhm/m at 100 MHz (grade 2)
Input impedance	100 Ohm
Segregation class	Class c conforming to EN 50174-2
Pulling force	120 N
Bending radius	Minimum bending radius during installation: 8 x overall diameter Minimum bending radius after installation: 4 x overall diameter
Material	Solid bare copper: conductor

PE (polyethylene): wire insulation  
 Aluminium/polyester: foil  
 Tinned copper: drain wire  
 PE (polyethylene): sheath

<b>Euroclass level</b>	Dca s2 d2 a1
<b>Nominal velocity propagation</b>	68 %
<b>AWG gauge</b>	AWG 24
<b>Calorific value</b>	513 MJ/km
<b>Cable outer diameter</b>	6 mm
<b>Cable weight</b>	41.2 kg / 1 km

## Environment

<b>Ambient air temperature for installation</b>	0...50 °C
<b>Ambient air temperature for storage</b>	-20...60 °C
<b>Ambient air temperature for operation</b>	-20...60 °C
<b>Directives</b>	2006/95/EC - low voltage directive 305/2011/EU - construction product regulation
<b>Flame retardance</b>	LSZH
<b>Standards</b>	ISO/IEC 11801-ed. 3 performance EN 50173-1 performance EN 50174-1 performance ANSI/TIA/EIA-568-C.2 performance IEC 61156-5-ed. 2.1 performance EN 50288-2-1 performance ISO/IEC 14763-2 installation standards EN 50174-2 installation standards IEC 60332-1 flame propagation characteristics IEC 60754-1 IEC 60754-2 acidity of combustion gases IEC 61034 smoke generation

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	43.500 cm
<b>Package 1 Width</b>	27.000 cm
<b>Package 1 Length</b>	44.500 cm
<b>Package 1 Weight</b>	12.400 kg
<b>Unit Type of Package 2</b>	P12
<b>Number of Units in Package 2</b>	12
<b>Package 2 Height</b>	110.000 cm
<b>Package 2 Width</b>	80.000 cm
<b>Package 2 Length</b>	120.000 cm
<b>Package 2 Weight</b>	159.800 kg

## Offer Sustainability

<b>Sustainable offer status</b>	Green Premium product
<b>REACH Regulation</b>	<a href="#">REACH Declaration</a>
<b>REACH free of SVHC</b>	Yes
<b>EU RoHS Directive</b>	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>

<b>Toxic heavy metal free</b>	Yes
<b>Mercury free</b>	Yes
<b>China RoHS Regulation</b>	<a href="#">China RoHS declaration</a> Pro-active China RoHS declaration (out of China RoHS legal scope)
<b>RoHS exemption information</b>	Yes
<b>Environmental Disclosure</b>	<a href="#">Product Environmental Profile</a>

**Recommended replacement(s)**