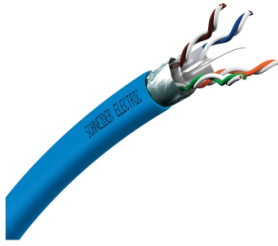


Product datasheet

Specifications



Category6A, 10G UTP Cable 305m Blue, LSZH

ACTTG4P6AULS3RBU

! Discontinued on: 15 Jun 2023

! Discontinued

Main

Range	Actassi
Product Or Component Type	Copper cable
Colour Tint	Blue
Cable Shielding Type	U/UTP

Complementary

Type Of Cable	4 pair cables
Communication Network Category	6 _A
Minimum Return Loss	Guaranteed: 20 dB at 1 MHz Guaranteed: 23 dB at 4 MHz Guaranteed: 24.5 dB at 8 MHz Guaranteed: 25 dB at 10 MHz Guaranteed: 25 dB at 16 MHz Guaranteed: 25 dB at 20 MHz Guaranteed: 24.3 dB at 25 MHz Guaranteed: 23.6 dB at 31.25 MHz Guaranteed: 21.5 dB at 62.5 MHz Guaranteed: 20.1 dB at 100 MHz Guaranteed: 18 dB at 200 MHz Guaranteed: 17.3 dB at 250 MHz Guaranteed: 16.8 dB at 300 MHz Guaranteed: 15.9 dB at 400 MHz Guaranteed: 15.2 dB at 500 MHz

Attenuation	Guaranteed: 2.1 dB @ 1 MHz per 100 m cable Guaranteed: 3.8 dB @ 4 MHz per 100 m cable Guaranteed: 5.3 dB @ 8 MHz per 100 m cable Guaranteed: 5.9 dB @ 10 MHz per 100 m cable Guaranteed: 7.5 dB @ 16 MHz per 100 m cable Guaranteed: 8.4 dB @ 20 MHz per 100 m cable Guaranteed: 9.4 dB @ 25 MHz per 100 m cable Guaranteed: 10.5 dB @ 31.25 MHz per 100 m cable Guaranteed: 15 dB @ 62.5 MHz per 100 m cable Guaranteed: 9.1 dB @ 100 MHz per 100 m cable Guaranteed: 27.6 dB @ 200 MHz per 100 m cable Guaranteed: 31.1 dB @ 250 MHz per 100 m cable Guaranteed: 34.3 dB @ 300 MHz per 100 m cable Guaranteed: 40.1 dB @ 400 MHz per 100 m cable Guaranteed: 45.3 dB @ 500 MHz per 100 m cable
-------------	--

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Power Sum Alien Near-End Crosstalk [Psanext]	67 dB at 1 MHz
	67 dB at 4 MHz
	67 dB at 8 MHz
	67 dB at 10 MHz
	67 dB at 16 MHz
	67 dB at 20 MHz
	67 dB at 25 MHz
	67 dB at 31.25 MHz
	65.6 dB at 62.5 MHz
	65.6 dB at 100 MHz
	58 dB at 200 MHz
	56.5 dB at 250 MHz
	55.3 dB at 300 MHz
	53.5 dB at 400 MHz
52 dB at 500 MHz	

Power Sum Attenuation To Alien Crosstalk Ratio Far-End [Psaacr]	66.2 dB at 4 MHz
	60.1 dB at 8 MHz
	58.2 dB at 10 MHz
	54.1 dB at 16 MHz
	52.2 dB at 20 MHz
	50.2 dB at 25 MHz
	48.3 dB at 31.25 MHz
	42.3 dB at 62.5 MHz
	38.2 dB at 100 MHz
	32.2 dB at 200 MHz
	30.2 dB at 250 MHz
	28.7 dB at 300 MHz
	26.2 dB at 400 MHz
	24.2 dB at 500 MHz

Near End Crosstalk [Next]	Guaranteed: 74.3 dB at 1 MHz
	Guaranteed: 65.3 dB at 4 MHz
	Guaranteed: 60.8 dB at 8 MHz
	Guaranteed: 59.3 dB at 10 MHz
	Guaranteed: 56.2 dB at 16 MHz
	Guaranteed: 54.8 dB at 20 MHz
	Guaranteed: 53.3 dB at 25 MHz
	Guaranteed: 51.9 dB at 31.25 MHz
	Guaranteed: 47.4 dB at 62.5 MHz
	Guaranteed: 44.3 dB at 100 MHz
	Guaranteed: 39.8 dB at 200 MHz
	Guaranteed: 38.3 dB at 250 MHz
	Guaranteed: 37.1 dB at 300 MHz
	Guaranteed: 35.3 dB at 400 MHz
Guaranteed: 33.8 dB at 500 MHz	

Input Impedance	100 Ohm (+/- 15 %) at 1...100 MHz
	100 Ohm (+/- 22 %) at 100...250 MHz

Maximum Loop Resistance	72 Ohm
--------------------------------	--------

Capacitance Unbalance	330 pF / 100 m
------------------------------	----------------

Maximum Resistance Unbalance	5 %
-------------------------------------	-----

Wire Insulation Material	PE
---------------------------------	----

Conductor Material	Solid bare copper
---------------------------	-------------------

Awg Gauge	AWG 23
------------------	--------

Cable Outer Diameter	7.3 mm
-----------------------------	--------

Cable Length	305 m
---------------------	-------

Cable Weight	17 kg
---------------------	-------

Environment

Ambient Air Temperature For Operation	75 °C
--	-------

Flame Retardance	LSZH
-------------------------	------

Standards	ANSI/TIA-568-C.2
	ISO/IEC 11801 Ea

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	23.8 cm
Package 1 Width	40.0 cm
Package 1 Length	40.0 cm
Package 1 Weight	18.5 kg

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

Reach Free Of Svhc

Toxic Heavy Metal Free

Mercury Free

Rohs Exemption Information Yes

Certifications & Standards

Reach Regulation

[REACH Declaration](#)

Eu Rohs Directive

Pro-active compliance (Product out of EU RoHS legal scope)

[EU RoHS Declaration](#)

China Rohs Regulation

[China RoHS declaration](#)

Pro-active China RoHS declaration (out of China RoHS legal scope)

Environmental Disclosure

[Product Environmental Profile](#)

Circularity Profile

No need of specific recycling operations