Product datasheet

Specifications

Green Premium™

Actassi - cable - category 6 - 4 pair - FTP - 305m - blue - CM

ACT4P6SCM3RBBU

Discontinued

Main

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

Complementary

Type Of Cable	4 pair cables
Communication Network Category	6
Minimum Return Loss	Guaranteed: 19.4 dB at 0.772 MHz 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
Attenuation	Guaranteed: 1.8 dB @ 0.772 MHz per 100 m cable Guaranteed: 2 dB @ 1 MHz per 100 m cable Guaranteed: 4.1 dB @ 4 MHz per 100 m cable Guaranteed: 5.8 dB @ 8 MHz per 100 m cable Guaranteed: 6.5 dB @ 10 MHz per 100 m cable Guaranteed: 8.2 dB @ 16 MHz per 100 m cable Guaranteed: 9.3 dB @ 20 MHz per 100 m cable Guaranteed: 10.4 dB @ 25 MHz per 100 m cable Guaranteed: 11.7 dB @ 31.25 MHz per 100 m cable Guaranteed: 17 dB @ 62.5 MHz per 100 m cable Guaranteed: 22 dB @ 100 MHz per 100 m cable
Power Sum Near-End Crosstalk [Psnext]	Guaranteed: 64 dB at 0.772 MHz Guaranteed: 62.3 dB at 1 MHz Guaranteed: 53.3 dB at 4 MHz Guaranteed: 48.8 dB at 8 MHz Guaranteed: 47.3 dB at 10 MHz Guaranteed: 44.3 dB at 16 MHz Guaranteed: 42.8 dB at 20 MHz Guaranteed: 41.3 dB at 25 MHz Guaranteed: 39.9 dB at 31.25 MHz Guaranteed: 35.4 dB at 62.5 MHz Guaranteed: 32.3 dB at 100 MHz

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

Near End Crosstalk [Next]	Guaranteed: 67 dB at 0.772 MHz Guaranteed: 65.3 dB at 1 MHz Guaranteed: 56.3 dB at 4 MHz Guaranteed: 51.8 dB at 8 MHz Guaranteed: 50.3 dB at 10 MHz Guaranteed: 47.3 dB at 16 MHz Guaranteed: 45.8 dB at 20 MHz Guaranteed: 44.3 dB at 25 MHz Guaranteed: 42.9 dB at 31.25 MHz Guaranteed: 38.4 dB at 62.5 MHz Guaranteed: 35.3 dB at 100 MHz
Input Impedance	100 Ohm (+/- 6) at 1…100 MHz
Maximum Loop Resistance	73.2 Ohm
Capacitance Unbalance	330 pF / 100 m
Maximum Resistance Unbalance	5 %
Wire Insulation Material	PE
Conductor Material	Solid bare copper
Awg Gauge	AWG 24
Cable Outer Diameter	4.9 mm
Cable Length	305 m

Environment

Ambient Air Temperature For Operation	75 °C
Product Certifications	UL
Flame Retardance	CM
Standards	ANSI/TIA/EIA-568-B ISO/IEC 11801 UL 444

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Weight	16 kg

Contractual warranty

Warranty	18 months

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-CO_2 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

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