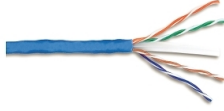


Product datasheet

Specifications

Actassi - cable - category 6 - UTP - 23 AWG - solid copper - blue - CM



ACT4P6UCM3RBBU_E

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
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

Excluding VAT, FCA Jabal Ali & amp; are subject to change – check with your local distributor.

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...600 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 23
------------------	--------

Cable outer diameter	6 mm
-----------------------------	------

Cable length	305 m
---------------------	-------

Environment

Ambient air temperature for operation	75 °C
--	-------

Product certifications	UL
-------------------------------	----

Flame retardance	CM
-------------------------	----

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

Packing Units

Unit Type of Package 1	PCE
-------------------------------	-----

Number of Units in Package 1	1
-------------------------------------	---

Package 1 Height	2.2 cm
-------------------------	--------

Package 1 Width	4 cm
------------------------	------

Package 1 Length	4.05 cm
-------------------------	---------

Package 1 Weight	12.55 kg
-------------------------	----------

Contractual warranty

Warranty (in months)	18
-----------------------------	----