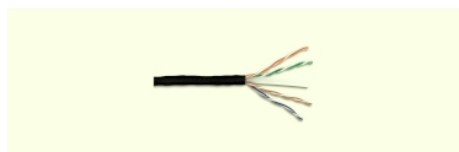


# ACT4P6UPEJ3RBK

Actassi copper cable, category 6, 4 pair, UTP, 305 m, outdoor, black, PE gel



## Main

Range	Actassi
Product or component type	Copper cable
Colour tint	Black
Cable shielding type	U/UTP

## Complementary

Type of cable	4 pair cables
Communication network category	6
Minimum return loss	Guaranteed: 20.5 dB at 1 MHz Guaranteed: 23.5 dB at 4 MHz Guaranteed: 25 dB at 8 MHz Guaranteed: 25.5 dB at 10 MHz Guaranteed: 25.5 dB at 16 MHz Guaranteed: 25.5 dB at 20 MHz Guaranteed: 24.8 dB at 25 MHz Guaranteed: 24.1 dB at 31.25 MHz Guaranteed: 22 dB at 62.5 MHz Guaranteed: 20.6 dB at 100 MHz Guaranteed: 18.5 dB at 200 MHz Guaranteed: 17.8 dB at 250 MHz
Attenuation	Guaranteed: 2.1 dB @ 1 MHz per 100 m cable Guaranteed: 3.8 dB @ 4 MHz per 100 m cable Guaranteed: 5.4 dB @ 8 MHz per 100 m cable Guaranteed: 6 dB @ 10 MHz per 100 m cable Guaranteed: 7.6 dB @ 16 MHz per 100 m cable Guaranteed: 8.5 dB @ 20 MHz per 100 m cable Guaranteed: 9.6 dB @ 25 MHz per 100 m cable Guaranteed: 10.7 dB @ 31.25 MHz per 100 m cable Guaranteed: 15.5 dB @ 62.5 MHz per 100 m cable Guaranteed: 19.9 dB @ 100 MHz per 100 m cable Guaranteed: 29.1 dB @ 200 MHz per 100 m cable Guaranteed: 33 dB @ 250 MHz per 100 m cable
Power sum equal level far end crosstalk [PSELFEXT]	65 DB / 100 m at 1 MHz 53 DB / 100 m at 4 MHz 46.9 DB / 100 m at 8 MHz 45 DB / 100 m at 10 MHz 40.9 DB / 100 m at 16 MHz 39 DB / 100 m at 20 MHz 37 DB / 100 m at 25 MHz 35.1 DB / 100 m at 31.25 MHz 29.1 DB / 100 m at 62.5 MHz 25 DB / 100 m at 100 MHz 19 DB / 100 m at 200 MHz 17 dB / 100 m at 250 MHz

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Power sum near-end crosstalk [PSNEXT]	Guaranteed: 65 dB at 1 MHz Guaranteed: 63.3 dB at 4 MHz Guaranteed: 58.8 dB at 8 MHz Guaranteed: 57.3 dB at 10 MHz Guaranteed: 54.2 dB at 16 MHz Guaranteed: 52.8 dB at 20 MHz Guaranteed: 51.3 dB at 25 MHz Guaranteed: 49.9 dB at 31.25 MHz Guaranteed: 45.4 dB at 62.5 MHz Guaranteed: 42.3 dB at 100 MHz Guaranteed: 37.8 dB at 200 MHz Guaranteed: 36.3 dB at 250 MHz
Near end crosstalk [NEXT]	Guaranteed: 39.8 dB at 250 MHz Guaranteed: 41.3 dB at 200 MHz Guaranteed: 45.8 dB at 100 MHz Guaranteed: 48.9 dB at 62.5 MHz Guaranteed: 53.4 dB at 31.25 MHz Guaranteed: 54.8 dB at 25 MHz Guaranteed: 56.3 dB at 20 MHz Guaranteed: 57.7 dB at 16 MHz Guaranteed: 60.8 dB at 10 MHz Guaranteed: 62.3 dB at 8 MHz Guaranteed: 66.8 dB at 4 MHz Guaranteed: 75.8 dB at 1 MHz
Input impedance	100 Ohm (+/- 6)
Wire insulation material	PE
Conductor material	Solid bare copper
AWG gauge	AWG 23
Cable outer diameter	6.7 mm
Cable length	305 m

## Environment

Ambient air temperature for operation	75 °C
Product certifications	UL
Standards	ANSI/TIA/EIA-568-C.2 UL 444 ISO/IEC 11081

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Toxic heavy metal free	Yes
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
China RoHS Regulation	<a href="#">China RoHS Declaration</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>