

CAT6 PE

Ethernet cable



Outdoor CAT 6 network cable with black PE sheathing, 500-m skein consisting of 4 balanced 100 Ohm pairs with **AWG 24** flexible red copper conductors. Features meet the requirements of **Cat. 6 Class E** up to 250Mhz according to ANSI/TIA 568.2-D and ISO/IEC 11801 standards. Suitable for Gigabit Ethernet (IEEE 802.3ab) applications.

Supported PoE applications:

PoE: IEEE 802.3af - Up to 15.4W

PoE+: IEEE 802.3at - Up to 30W

** To ensure this performance, good installation practices for structured cabling in accordance with ISO/IEC 11801 must be followed.*

This product is not suitable for and must not be used for mains power supplies.



CAT6 PE		
Code		287533
Reel Length	m	500
Cable type		CAT 6 U/UTP
CPR		Fca
Frequency range	MHz	250
Conformity		EN60322-1-2 EN50575:2014+A1:2016 available at ce.fracarro.com
Standard test		ISO/IEC 11801, TIA EIA568C.2
Pulling strength	MPa	>10
Stretching	%	>125
Cold bending		No visible cracks (-20 ±2°C x 4h)
Inner conductor		
Material		Copper
Diameter	mm	0.53+/-0.005
AWG class		24
Inner cables sheath		
Inner cables sheath material		HDPE
Inner cables sheath diameter	mm	0.95
Screen foil		HDPE; 0.21mm; 0% foam

External sheath		
Material		PVC+PE
Diameter	mm	6.6
Colour		Black
Dimensions and packaging		
Packing		Wooden reel
Pieces		500
EAN code		8016978102792
Multiple EAN		8016978108411
Packaging dimensions	mm	335 x 370 x 370
Packaging weight	kg	23