

CAT6 FU PVC+PE

Ethernet cable



CAT 6 outdoor network cable, F/UTP type with black PE sheath, shielded with aluminum foil, 305-meter spool, composed of 4 balanced 100 Ohm pairs with flexible AWG 23 red copper conductors.

The characteristics meet the requirements of Cat. 6 Class E up to 250 MHz according to ANSI/TIA 568.2-D and ISO/IEC 11801 standards. Suitable for Gigabit Ethernet applications (IEEE 802.3ab).

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 FU PVC+PE		
Code		287854
Reel Length	m	305
Cable type		CAT 6 F/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, ANSI/TIA 568.2-D
Pulling strength	MPa	>10
Stretching	%	>125
Cold bending		No visible cracks (-20 ±2°C x 4h)
Inner conductor		
Material		Copper
Diameter	mm	0.57+/-0.005
AWG class		23
Inner cables sheath		
Inner cables sheath material		HDPE
Inner cables sheath diameter	mm	1.01
Screen foil		HDPE; 0.21mm; 0% foam