

COPPER CABLE

# COPPER CABLE CAT 5E UTP PVC FLEX



**Application:**

Tertiary (Horizontal), specific for unshielded patch cord, IEEE 802.3an: 10Base-T; 100Base-TX; 1000Base-T, IEEE 802.5 16 MB; ISDN; TPDDI; ATM, IEEE 802.3af-2002: POE; IEEE 802.3at: POE+ Given the high flexibility, particularly suitable for making patch cords.

**Construction and characteristics:**

Conductor:	Material	Bare Copper
	AWG Size	24 AWG
Insulation:		Without "+" cross mould separate
	Material	HDPE
	Thickness	Nominal: 0.186 mm
	Diameter	Nominal: 0.96 mm
	Pair colors	Bl/WhBl, Or/WhOr, Gr/WhGr, Br/WhBr
	Unaged Elongation	Min. 300%
Screen	Unaged Tensile Strength	Min. 1.683 Kgf/mmq
	Material	Not present
Drain Wire	Material	Not present
	Material	Flame retardant PVC
Jacket:	Thickness	Nominal: 0.54 mm
	Diameter	Nominal: 5.7 mm
	Color (*)	Gray
	Unaged Elongation	Min. 100%
	Unaged Tensile Strength	Min. 1.407 Kgf/mmq
	Aging at 100°C for 168h	Min. elongation retention: 50% Min. tensile strength retention: 75%
Marking (*)	On cable	YFC CAT.5E UTP PATCH ETL/3P VERIFIED TO ANSI/TIA-568-C.2 & ISO/IEC 11801 ED.2 & EN 50288-3-2 & IEC 60332-1-2 24AWGX4P CM(UL) c(UL) E164469-XX

(\*) or as a customer request, with MOQ.

**Reference Standard**

ANSI/TIA-568-C.2 Cat. 5e	ISO/IEC 2nd Edition 11801 Class D
CENELEC EN 50173-1	UL/cUL Listed
IEC 61156-6, CENELEC EN 50288-3-2 for patch cable	IEC 60332-1-2 Flame Retardancy verification
RoHS compliance for the European Union issued Directive 2002/95/EC	
ETL/3P Certified ANSI/TIA-568-C.2 Category 5E Testing Safety/Performance Requirements	

**Ordering information code**

OC-CVR-211012-07

ORCA - COPPER CABLE CAT.5E UTP FLEX - GRAY