

Category 5 & 5e Multipair Cables

Category 5 25-Pair Cable is constructed of 24AWG (0.5mm) solid-copper conductors insulated with high density polyethylene. The insulated conductors are tightly twisted into pairs, stranded into mini-units. The cable employs a unique honeycomb core construction. This design consists of multiple 3-Pair and 4-Pair tightly braided sub-units. A total of seven uncovered sub-units (six around one) are then braided to encompass the cable core. This construction allows for easy pair identification and subsequent termination.

Category 5 25-Pair Cable provides excellent high-speed transmission, certified to 155MHz and supports applications such as 155Mb/s ATM, 622Mb/s ATM and IEEE 802.3 1000 Base-T (Gigabit Ethernet) standards, using parallel transmission technology or as a high performance voice riser cable. This product is UL listed with a CMR fire rating for riser use.

Category 5e 25-Pair Cable allows the use of multi-pair cables in interconnect and zone cabling applications. The 25-pair cable construction reduces tray and conduit fill rates whilst allowing high-density interconnections.

PHYSICAL SPECIFICATIONS

Gauge	24AWG
Jacket Thickness	0.8mm
Weight	184 kg/km
Outside Diameter	12.5mm
Operating Temperature Range	-20°C ~ 60°C
Insulation Thickness	0.21mm

ELECTRICAL SPECIFICATIONS

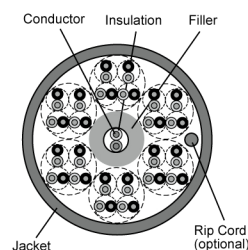
Non. Velocity of Prop. (NVP)	0.69
Max. Conductor Resistance 20°C	9.38 Ohms/100m
Resistance Unbalance %	≤5%
Pair-to-Ground Capacitance Unbalance	≤330pF/100m



ACT25P5UCR3RGY



ACT25P5EUCR3RGY



PRODUCT FEATURES

- Compliant with Enhanced Category 5 Standard.
- PE Insulation of conductors.
- Grey PVC jacket.

CUSTOMER BENEFITS

- Ideal for high-speed networks and broadband distribution in the premise.
- Suits horizontal and vertical wiring.

CATALOGUE NUMBER DESCRIPTION

ACT25P5UCM3RGY Cat.5 25pr UTP Cable 305m/reel Grey CM

ACT25P5UCR3RGY Cat.5 25pr UTP Cable 305m/reel Grey CMR

ACT25P5ULS3RGY Cat.5 25pr UTP Cable 305m/reel Grey LSOH

ACT25P5EUCM3RGY Cat.5 25pr UTP Cable 305m/reel Grey CM

ACT25P5EUCR3RGY Cat.5 25pr UTP Cable 305m/reel Grey CMR

ACT25P5EULS3RGY Cat.5 25pr UTP Cable 305m/reel Grey LSOH