

CAT 3 MULTI-PAIR UTP 24 AWG SOLID COPPER CABLE

Description

RFI Cat 3 Multi-pair UTP cable consists of 24 AWG solid copper conductors insulated with High Density Polyethylene (HDPE). Each pair is twisted to minimize crosstalk between the pairs. The pairs are group into sub-unit for easy identification. A layer of plastic tape is wrapped round the cable core to hold the pairs together. The cable is covered with a Polyvinyl Chloride (PVC) Outer Jacket with a Rip Cord underneath it.

Application

Indoor backbone voice connectivity

Standard

- ANSI/TIA 568-C.2

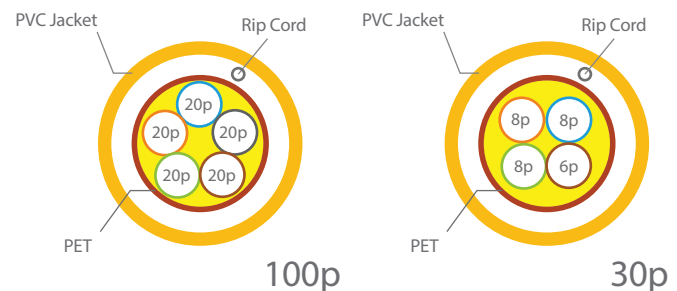
Characteristics

- 24AWG bare solid copper conductor
- Insulation: HDPE
 - 10, 20, 30, 50 and 100 pairs
- Rip Cord
 - RoHS
 - Rated Temperature 75°C



Physical Characteristics

Conductor Ø (mm)	Insulation (mm)	
	Min. Thickness	Overall Ø
0.50 ± 0.02	0.19	0.88 ± 0.05



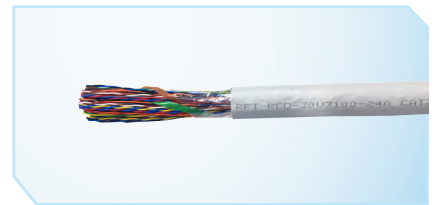
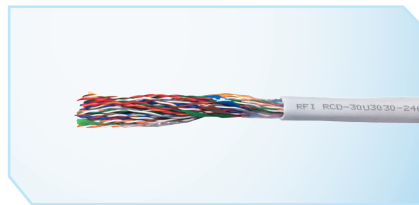
Sub-unit Construction

No. of Pair	No. of Sub-Unit x No. of Pair In Sub-Unit (p)	Min. Sheath Thickness (mm)	Max. Outer Sheath Ø (mm)
10	1 x 10p	0.70	11.0 ± 0.5
20	4 x 5p	0.80	14.0 ± 0.5
30	3 x 8p + 1 x 6p	1.00	14.5 ± 0.5
50	5 x 10p	1.00	20.0 ± 1.0
100	5 x 10p	1.20	24.0 ± 1.0

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Colour Code

Pair	Color	Pair	Color	Pair	Color	Pair	Color
1	White	Blue	6	Red	Blue	11	Black
2	White	Orange	7	Red	Orange	12	Black
3	White	Green	8	Red	Green	13	Black
4	White	Brown	9	Red	Brown	14	Black
5	White	Grey	10	Red	Grey	15	Black



Ordering information

Part No.	Description
RCD-30U3010-24x	Cat3 10-pair UTP 24AWG Voice Grade Solid Copper Cable, CM, PVC, 500m/drum, Grey
RCD-30U3020-24x	Cat3 20-pair UTP 24AWG Voice Grade Solid Copper Cable, CM, PVC, 500m/drum, Grey
RCD-30U3030-24x	Cat3 30-pair UTP 24AWG Voice Grade Solid Copper Cable, CM, PVC, 500m/drum, Grey
RCD-30U3050-24x	Cat3 50-pair UTP 24AWG Voice Grade Solid Copper Cable, CM, PVC, 500m/drum, Grey
RCD-30U3100-24x	Cat3 100-pair UTP 24AWG Voice Grade Solid Copper Cable, CM, PVC, 500m/drum, Grey

*x = A, D, H, K, N

*Other length is available upon request.