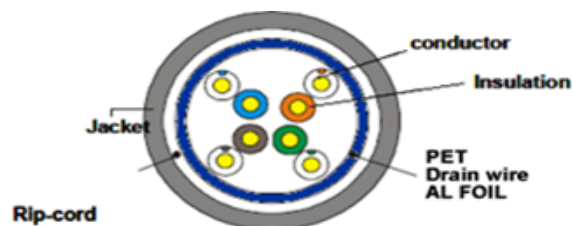


U/UTP 4pairs cable category5e



COLOUR:
 BLUE-WHITE/BLUE
 ORANGE-WHITE/ORANGE
 GREEN-WHITE/GREEN
 BROWN-WHITE/BROWN



CABLE DESCRIPTION

| 1-CONDUCTOR | PARAMETER | UNIT | VALUE |
|-------------------------------------|---|--------------|------------|
| TYPE:STRANDED-Copper wire | Max.linear tesistance. | Ω /km | ≤ 150 |
| DIAMETER:7/0.15 \pm 0.005mm | Mutual capacity(nom.) | pF/m | 50 |
| AWG:26/7 | Unbalance capacity max | pF/km | 1600 |
| 2-INSULATION | VELOCITY OF PROPAGATION | %of c | 66 |
| TYPE:PE solid | (f> 1MHz) | | |
| DIAMETER:0.9mm \pm 0.01mm | Marking | | |
| 3-RIP CORD | CAT 5e network cable, U/UTP, grey | | |
| YES | CU, AWG 26/7 (stranded), PVC | | |
| 5-OUTER JACKET | Reaction to fire: Eca; EN 50575:2014+A1: 2016 | | |
| TYPE:PVC | | | |
| COLOUR:Grey | | | |
| THICKNES:0.55mm | | | |
| EXTERNAL DIAMETER:5.0mm \pm 0.2mm | | | |
| PASS 60m FLUKE TEST | | | |

ELECTRICAL CHARACTERISTICS

| Frequency (MHz) | Return loss(dB) | Attenuatin (dB/100m) | NEXT (dB) | PSNEXT (dB) | ELFEXT (dB) | PSELFEXT (dB) |
|-----------------|-----------------|----------------------|-----------|-------------|-------------|---------------|
| 1 | | | 65,3 | 62,3 | 63,8 | 60,8 |
| 4 | | | 56,3 | 53,3 | 51,8 | 48,8 |
| 10 | | | 50,3 | 47,3 | 43,8 | 40,8 |
| 16 | | | 47,2 | 44,2 | 39,7 | 36,7 |
| 20 | | | 45,8 | 42,0 | 37,8 | 34,8 |
| 25 | | | 44,3 | 41,3 | 35,8 | 32,8 |
| 31,25 | | | 42,9 | 39,9 | 33,9 | 30,9 |
| 62,5 | | | 38,4 | 35,4 | 27,9 | 24,9 |
| 100 | | | 35,3 | 32,3 | 23,8 | 20,8 |

OTHER CHARACTERISTICS

MINIMUM BENDING RADIUS:10xDiameter
 PACKING:100m/ROLL,
 305M/BOX



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Prepared by: NW

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