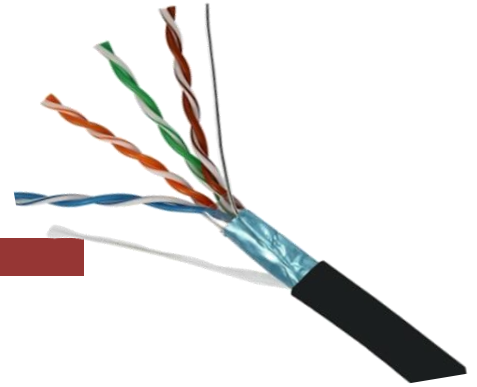


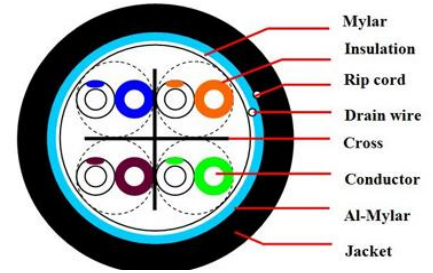
DESCRIPTION:-

**KAYBE - CCAU SERIES - CAT 6, FTP OUTDOOR
PART NO# CAT6FTP600**



CONSTRUCTION DATA SHEET

| | | | |
|-----------------------|----------------------|---|-----------------------|
| OPERATING TEMPERATURE | | -20°C TO 75°C | |
| CONDUCTOR | DESCRIPTION | 23 AWG CAT6 FTP OUTDOOR | |
| | COND.MATERIAL | CCAU | |
| | NO OF STRANDS | 1 Nos | |
| | CONDUCTOR (MM) | 0.55MM | |
| INSUALTION | MATERIAL | HDPE (High Density Polyethylene) | |
| | THICKNESS (MM) | 0.20 mm (Nominal) | |
| | DIAMETER (MM) | 1.00 ± 0.10 mm | |
| PAIR TWISTING | # PAIR SEQUENCE | Pair - 1 | Blue + White-Blue |
| | | Pair - 2 | Orange + White-Orange |
| | | Pair - 3 | Green + White-Green |
| | | Pair - 4 | Brown + White-Brown |
| INNER SHIELD | 4 PAIR LAID UP | All of the 4pair twisted together With Seperator i.e. (⊕) | |
| | FOIL | Cross Filler | |
| OUTER SHEATH | MATERIAL | PE (Polyethylene) | |
| | THICKNESS (MM) | 1.0mm | |
| | DIAMETER (MM) | 6.70 ± 0.10 mm | |
| | COLOUR | BLACK | |



ELECTRICAL PARAMETER

| | |
|---------------------------------|------------|
| Conductor resistanceΩ/100m.20°C | ≤20Ω |
| Conductor allow load current(A) | 0.5A' |
| Voltage Rating | ≤30V |
| Operating temperature(°C) | -20°C~75°C |

MECHANICAL PERFORMANCE

INSULATION

PVC JACKET

| | | | |
|---------------------|------------------|-----------------------|-----------------------|
| INSULATION & SHEATH | TENSILE STRENGTH | 13.79 N/mm (Minimum)2 | 10.00 N/mm2 (Minimum) |
| | ELONGATION | 300% (Minimum) | 150% (Minimum) |

WORK DATA PASS 130 - 160 METERS

PACKING STANDARD

| | |
|----------------------|--|
| PACKING STANDARD | 305 Mtrs Box Packing x 1 ROLLS PER BOX |
| BOX SIZE | 31X31X31CM |
| NET WEIGHT PER ROLL: | 10KGS |

Print: KAYBE (FTP600) CAT6 FTP OUTDOOR 4PR AS PER TIA/EIA 568B 001-305M

MADE IN INDIA

- 1.All Materials , used in product , are RoHS standard compliant
2. Best compatible with KAYBE RJ45 Connectors, Keystones & Patch Cords

KAYBE is a brand registered in middle east and gulf with dealing in Cables, Networking & Satellite Telecommunications Products since 1987. Our Cables include Lan Cables, Telecommunication, Coaxial Cable, Alarm cables, Lift cable

DESCRIPTION:-
KAYBE - CCAU SERIES - CAT 6, FTP OUTDOOR
PART NO: CAT6FTP600
HIGH FREQUENCY ELECTRICAL PARAMETERS

| FREEQ (MHz) | INS LOSS (dB/100m) Max. | NEXT Pair to Pair (dB/100m) Min. | NEXT Power Sum (dB/100m) Min. | ELFEXT Pair to Pair (dB/100m) Min. | ELFEXT Power Sum (dB/100m) Min. | Return Loss (dB/100m) |
|-------------|-------------------------|----------------------------------|-------------------------------|------------------------------------|---------------------------------|-----------------------|
| 1 | 1.8 | 71.0 | 67.4 | 70.1 | 67.3 | 25.2 |
| 4 | 3.6 | 62.5 | 64.1 | 58.8 | 55.9 | 28.1 |
| 8 | 5.0 | 60.0 | 63.2 | 51.2 | 50.0 | 26.3 |
| 10 | 5.8 | 58.1 | 61.5 | 50.1 | 46.7 | 30.1 |
| 16 | 7.7 | 55.0 | 60.0 | 46.9 | 43.9 | 31.0 |
| 20 | 7.9 | 54.3 | 55.6 | 45.3 | 41.5 | 30.8 |
| 25 | 8.4 | 53.7 | 54.9 | 42.5 | 40.7 | 29.6 |
| 31.25 | 10.0 | 52.3 | 55.9 | 41.8 | 36.8 | 29.0 |
| 62.5 | 14.5 | 46.7 | 49.8 | 35.0 | 30.3 | 26.7 |
| 100 | 18.1 | 44.0 | 46.3 | 32.1 | 28.1 | 25.0 |
| 250 | 33.0 | 38.0 | 36.0 | 20.0 | 18.0 | 18.0 |

Note: -

1.All Materials , used in product , are RoHS standard compliant

Prepared By:
 Shekhar

Approved By:
 Mr. Amrish Singh

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