



EKSELANS BY ITS

## Cat6 U/UTP LAN Cable BC 24 AWG PVC CPR Eca LSZH CLU 624 CU

4 twisted cable pairs with cross-pair

Plastic spool for easy pulling

24 AWG

CPR Eca LSZH

| Reference                  |                                  | CLU624CU              |
|----------------------------|----------------------------------|-----------------------|
| Code                       |                                  | 390001                |
| Construction               | Screening                        | U/UTP                 |
|                            | Conductor material               | BC                    |
|                            | Diameter                         | 24 AWG (0.51±0.01mm)  |
|                            | Insulation material              | HDPE                  |
|                            | Nominal thickness                | 0.21mm                |
|                            | Diameter                         | 0.93±0.05mm           |
|                            | Outside cover material           | PVC                   |
|                            | Outside diameter                 | 5.6±0.5mm             |
|                            | Color                            | White                 |
|                            | Cross-pair separator             | Yes                   |
| Electrical characteristics | Rip cord                         | Yes                   |
|                            | Frequency range                  | 1-250MHz              |
|                            | Impedance                        | 93.8Ω/Km              |
|                            | Mutual capacitance               | ≤56nF/Km              |
|                            | Maximum unbalanced capacity      | ≤330pF/100m           |
| General                    | Maximum unbalanced DC resistance | ≤5%                   |
|                            | Minimum bend radius              | 65mm                  |
|                            | Storage Temp Range               | -15°C ~ 75°C          |
|                            | Temp range installation          | -15°C ~ 75°C          |
|                            | Work temperature                 | 0°C ~ 60°C            |
|                            | Maximum pulling force            | 12Kg                  |
| Packaging                  | CPR                              | Eca                   |
| Weight                     |                                  | Reel in box of 305m   |
| Color code                 | Par1                             | Blue – white/blue     |
|                            | Par2                             | Orange – white/orange |
|                            | Par3                             | Green – White/green   |
|                            | Par4                             | Brown – white/brown   |



| Frequency (MHZ) | Att. Max. (dB/100m) | NEXT (dB) | RL (dB) | PS-NEXT (dB) | ELFEXT (dB) | PSELFEXT (dB) |
|-----------------|---------------------|-----------|---------|--------------|-------------|---------------|
| 1               | 3.0                 | 65.0      | 19.1    | 62.0         | 64.2        | 61.2          |
| 4               | 3.5                 | 64.1      | 21.0    | 61.8         | 52.1        | 49.1          |
| 8               | 5.0                 | 59.4      | 21.0    | 57.0         | 46.1        | 43.1          |
| 10              | 5.5                 | 57.8      | 21.0    | 55.5         | 44.2        | 41.2          |
| 16              | 7.0                 | 54.6      | 20.0    | 52.2         | 40.1        | 37.1          |
| 20              | 7.9                 | 53.1      | 19.5    | 50.7         | 38.2        | 35.2          |
| 25              | 8.9                 | 51.5      | 19.0    | 49.1         | 36.2        | 33.2          |
| 31.25           | 100.0               | 50.0      | 18.5    | 47.5         | 34.3        | 31.3          |
| 62.5            | 14.4                | 45.1      | 16.0    | 42.7         | 28.3        | 25.3          |
| 100             | 18.6                | 41.8      | 14.0    | 39.3         | 24.2        | 21.2          |
| 200             | 27.4                | 36.9      | 11.0    | 34.3         | 18.2        | 15.2          |
| 250             | 31.1                | 35.3      | 10.0    | 32.7         | 16.2        | 13.2          |

