

## CABLE SPECIFICATION

**ED0316**

CAT6 UTP, SOLID 23AWG CU, BLACK LSZH, 305M REEL IN COLORFUL BOX AND OUTER BOX

### GENERAL

Conductor	Solid copper
	4 pairs
Isolation	PE (Blue, White/Blue; Orange, White/Orange; Green, White/Green; Brown, White/Brown)
Separator	Cross PE
Rip Cord	Yes
Jacket	Black LSZH
Print	White ink. legible, cannot be wiped off by fingers
Packing	305M Plastic reel with 2 sides of support in colorful box, 305m per reel in colorful box, 2 colorful box per outer box.
Label	Approved CPR label is required to be affixed on each of box

### DIMENSIONS – (mm)

Conductor diameter	23AWG
Isolation diameter	0.93
Separator size	4.60 x 0.40
Diameter over jacket	5.75
Jacket wall thickness	0.55 nominal
305M Plastic reel	300*110*220
305M Colorful box	330*275*330
305M Outer box	570*345*340
Print Height	2.50 ± 0.50

### PROPERTIES

Transmission Standards	ANSI/TIA-568-C.2 (FLUKE LINK 90M)
Operating Temperature	-40° C to + 70° C
Characteristic Impedance - Ohms	100 ± 15
DC resistance inner conductor - Ohms/km	84
Velocity of Propagation	69%
Dielectric Strength	1500Vac   2500Vdc
Delay Skew	45ns

### NOTES:

1. CABLE PRINT: **DAXIS** ED0316 – 23AWG U/UTP CAT6 LSZH – ISO/IEC 11801 ; ANSI/TIA/EIA568-C.2 ; EN50173 -CE Eca- 001M...  
Repeat every meter replacing xxx with meter counts up from 001 to 100 then reset to repeat starting from 001 again. **DAXIS** shall be BOLD, **305m has to be on the outside end.**
2. The test report is required to cover all the test items which are listed in above.
3. Cable and packaging must be RoHS compliant
4. Cable must be CPR Class Eca compliant.
5. Warranty: 3 years(indoor).