

CAT3 VOICE GRADE CABLE

25 PAIR (50 CONDUCTOR)

LOW SMOKE ZERO HALOGEN

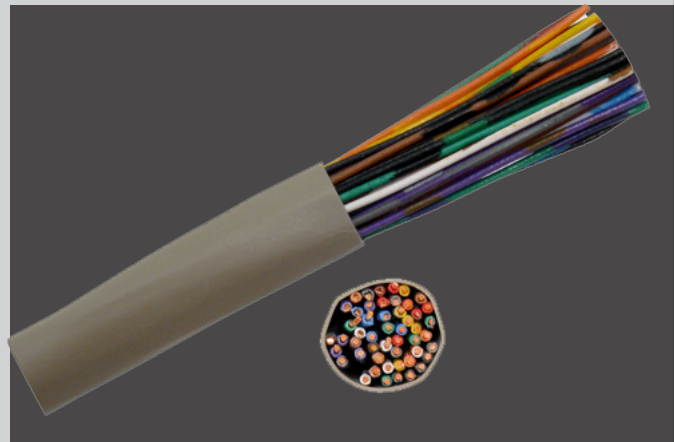


DESCRIPTION

Category-3, UTP, 24awg 50 Conductor,
Solid-Bare Copper.

FEATURES

- Suitable for Telephony Communication
- 25-Pair – Cabled together with varying lays
- 24AWG Solid Bare Copper Conductors
- LSZH Jacket, RoHS Compliant, ETL Listed
- 305M Wooden Spool



Technical Data

Rated Temperature	70 °C
Rated Voltage	30V
Conductor	Solid Bare Copper
Size	24 AWG
Dia. (±0.005mm)	0.475

Insulation	PVC
Average Thickness (mm)	0.188
Min. Point Thickness (mm)	0.170
Insulation Dia. (±0.20mm)	0.85
Twisted Pair Dia. (±0.01)	1.70

Nylon Tape	Yes
Assembly Dia. (mm)	7.80
Jacket	LSZH
Average Thickness (mm)	0.50
Min. Point Thickness (mm)	0.45
Outer Dia. (±0.20mm)	9.50
Rip cord	Yes

Electrical Characteristics

Impedance	100±15 Ohms
D-C Resistance of each Core (ohms/km)	98(Max)
The average of Imbalance of D-C resistance upon cores	≤2.0%

Mechanical Characteristics

Test Object	Jacket
Test Material	LSZH
Before Tensile Strength (Mpa)	≥13.8
Aging Elongation (%)	≥100
Aging Condition (°Cxhrs)	100x168
After Tensile Strength (Mpa)	≥85% of unaged
Aging Elongation (%)	≥50% of unaged
Cold Bend (-20±2° Cx4hrs)	No Crack

Marking on Jacket

As per customer's request

Jacket color available in
Gray



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PAIR COLORS

Pair1 White with Blue ring -- Blue with White ring
Pair2 White with Orange ring -- Orange with White ring
Pair3 White with Green ring -- Green with White ring
Pair4 White with Brown ring -- Brown with White ring
Pair5 White with Gray ring -- Gray with White ring
Pair6 Red with Blue ring -- Blue with Red ring
Pair7 Red with Orange ring -- Orange with Red ring
Pair8 Red with Green ring -- Green with Red ring
Pair9 Red with Brown ring -- Brown with Red ring
Pair10 Red with Gray ring -- Gray with Red ring
Pair11 Black with Blue ring -- Blue with Black ring
Pair12 Black with Orange ring -- Orange with Black ring
Pair13 Black with Green ring -- Green with Black ring
Pair14 Black with Brown ring -- Brown with Black ring
Pair15 Black with Gray ring -- Gray with Black ring
Pair16 Yellow with Blue ring -- Blue with Yellow ring
Pair17 Yellow with Orange ring -- Orange with Yellow ring
Pair18 Yellow with Green ring -- Green with Yellow ring
Pair19 Yellow with Brown ring -- Brown with Yellow ring
Pair20 Yellow with Gray ring -- Gray with Yellow ring
Pair21 Purple with Blue ring -- Blue with Purple ring
Pair22 Purple with Orange ring -- Orange with Purple ring
Pair23 Purple with Green ring -- Green with Purple ring
Pair24 Purple with Brown ring -- Brown with Purple ring
Pair25 Purple with Gray ring -- Gray with Purple ring

TECH DRAWING

