

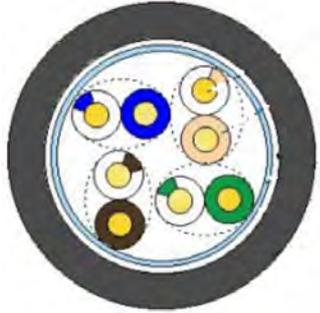


# LAN CABLE

## 5E0DB

### Outdoor Direct Burial

#### Cable Structure



#### Test Standard

ISO / IEC 11801  
ANSI / TIA-568-C.2

#### Construction & Specifications

- Conductor: Solid-Bare Copper 0.49±0.05mm
- Insulation: High Density Polyethylene HDPE 0.85±0.03mm
  1. Blue & White with Blue
  2. Orange & White with Orange
  3. Green & White with Green
  4. Brown & White with Brown
- Insulation Color:
- Wrap: Polyester Film PET
- Shield: Water Block Tape
- Rid cord: A nylon rip cord under jacket for ease of jacket stripping
- Jacket: Polyethylene Black PE jacket 5.90±0.20mm

#### Jacket Physical Properties

Before Aging Tensile Strength (MPa)	≥ 9.7
Before Aging Elongation (%)	≥ 300
Aging Period ( °C x hrs )	100°C x 24h x 2d
After Aging Tensile Strength (MPa)	≥ 7.25
After Aging Elongation (%)	≥ 225

#### Printing:

PSI DATA OUTDOOR UTP CAT5e OSP 350MHz 4PR 24 AWG VERIFIED TO ANSI/TIA - 568.2-D CAT 5e DB UV RoHS 0000FT/1000FT

#### Remarks:

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#### Electrical Performance ( 20 °C )

1.0-100.0 MHz Impedance ( Ω )	100±15
1.0-100.0 MHz Delay Shew ( ns / 100m )	≤45
Max DC Resistance ( Ω/ 100m )	9.5
Max DC Conductor Resistance Unbalance ( % )	5.0
Voltage Rating:	80V

#### Temperature Range

Temp Rating:	90°C
Operation Temperature	-20°C To +90°C

#### Technical Performance

MHz	RL ≥ dB	ATT ≤ dB	NEXT ≥ dB	PSNEXT ≥ dB
1	17	2.2	60	57
4	17	4.5	53.5	50.5
8	17	6.3	48.6	45.6
10	17	7.1	47	44
16	17	9.1	43.6	40.6
20	17	10.2	42	39
25	16	11.4	40.3	37.3
31.25	15.1	12.9	38.7	35.7
62.5	12.1	18.6	33.6	30.6
100	10	24	30.1	27.1
*200	9.0	34.4	25.8	22.8
*300	8.5	43.8	24.3	21.3
*350	8.0	46.9	22.1	19.1

#### Packing

1,000' Reel / /pallet

