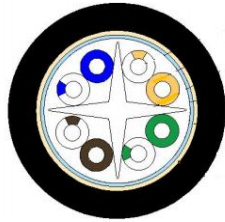




LAN CABLE 6EODB Outdoor Direct Burial

Cable Structure



Test Standard

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

Construction & Specifications

- Conductor: Solid-Bare Copper $0.56 \pm 0.05\text{mm}$
- Insulation: High Density Polyethylene HDPE $1.01 \pm 0.03\text{mm}$
 1. Blue & White with Blue
 2. Orange & White with Orange
 3. Green & White with Green
 4. Brown & White with Brown
- Insulation Color:
- Cross : Polyester
- 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 $6.70 \pm 0.20\text{mm}$

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 CAT6e OSP 550MHz 4PR 23AWG VERIFIED TO ANSI/TIA-568.2-D CAT 6e RoHS 0000FT/1000FT

Remarks:

The information on this document is, to our knowledge, true and accurate. However, since the particular uses and the actual conditions of use of our products are beyond our control, establishing satisfactory performance of our products for the intended application is the customer's sole responsibility. All uses of PSI products and any written or oral information, suggestions or technical advice from PSI is without warranty, express or implied, and is not an inducement to use any product in conflict with any patent.

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) 9.38
Max DC Conductor Resistance Unbalance (%) 5.0

Technical Performance

MHz	RL $\geq$ dB	ATT $\leq$ dB	NEXT $\geq$ dB	PSNEXT $\geq$ dB
1	20	2	74.3	72.3
4	23	3.8	65.3	63.3
8	24.5	5.3	60.8	58.8
10	25	6	59.3	57.3
16	25	7.6	56.2	54.2
20	25	8.5	54.8	52.8
25	24.2	9.5	53.3	51.3
31.25	23.3	10.7	51.9	49.9
62.5	20.7	15.4	47.4	45.4
100	19	19.8	44.3	42.3
200	16.4	29	39.8	37.8
250	15.6	32.8	38.3	36.3
*350	14.6	39.8	36.1	34.1
*550	12.9	51.8	33.2	31.2

Packing

1,000' Reel / /pallet

RoHS
COMPLIANT

VANCOUVER OFFICE

Phone: (604) 337-1375
6741 Cariboo Rd #306
Burnaby, BC V3N 4A3
vancouver@cercocable.com

TORONTO OFFICE

Phone: (905) 670-3777
Toll Free: 800-463-9473
Fax: (905) 670-4007
1110 Brevik Place
Mississauga, ON L4W 3Y5
toronto@cercocable.com

MONTREAL OFFICE

Phone: (514) 631-4331
Toll Free: 800-361-5961
Fax: (514) 631-0590
9245 Cote de Liesse
Dorval, QC H9P 2N9
montreal@cercocable.com