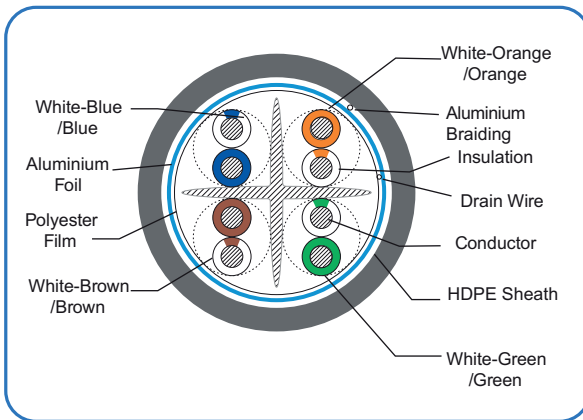


## Cat6 SFTP, 24AWG Outdoor Cable

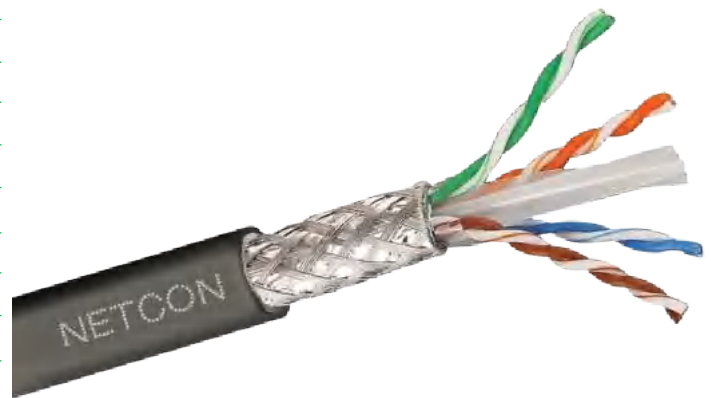


### Application & Features:

NETCON Cat 6 4 Pair S/FTP Cable has been designed for Horizontal Cabling Networks for Transmission of High Speed Data, Digital and Analog, Voice and Video Signals on LANs. Tinned Copper Screening gives protection against EMI, avoid Signal Loss and better mechanical properties of Cable. Supports Gigabit Ethernet (1000 Base-T) standard suitable for Noisy Environments, High EMI Inteferece surroundings and complies to the requirement of ANSI/-TIA-568-C.2 and ISO/IEC 11801 ED. 2.0.

### Mechanical Properties:

- Conductor: 24AWG Solid Bare Cable
- Central Element: PE Cross Separator
- Insulation: High Density Polyethylene Solid
- Pairs: 4 Pairs twisted together
- Shielding: Aluminium/Polyester Foil
- Overall Sheath: 80% Braiding
- Cable Diameter: 6.80 mm Nominal
- Rip cord : Yes
- Jacket: HDPE Sheath
- Jacket Color: Black
- Bending Radius: < 8X Cable Diameter at -20°C +/- 1°C
- Pulling Force: 25.35 LBS
- Operating Temperature: (-20°C to +70°C) Range
- Installation Temperature : (-20°C to +70°C) Range



### Electrical Characteristics

Frequency MHz	Insertion Loss (db/100m)	RL (db)	NEXT (db)	PSNEXT (db)	ELFEXT (db)	PSELFEXT (db)	ACR (db)	PSACR
1	2.0	20.0	74.3	72.3	67.8	64.8	72.3	70.3
4	3.8	23.0	65.3	63.3	55.8	52.8	61.5	59.5
8	5.3	24.5	60.8	58.8	49.7	46.7	55.5	53.5
10	6.0	25.0	59.3	57.3	47.8	44.8	53.3	51.3
16	7.6	25.0	56.2	54.2	43.7	40.7	48.6	46.6
20	8.5	25.0	54.8	52.8	41.8	38.8	46.3	44.3
25	9.5	24.3	53.3	51.3	39.8	36.8	43.8	41.8
31.25	10.7	23.6	51.9	49.9	37.9	34.9	41.2	39.2
62.5	15.4	21.5	47.4	45.4	31.9	28.9	32.0	30.0
100	19.8	20.1	44.3	42.3	27.8	24.8	24.5	22.5
200	29.0	18.0	39.8	37.8	21.8	18.8	10.8	8.8
250	32.8	17.3	38.3	36.3	19.8	16.8	5.5	3.5

### Electrical Properties

Conductor Resistance : 9.38 OHM (For 100M)	Propagation Delay Skew : 536NS (For 100M)
Mutual Capacitance : 5.6NF (For 100M)	Current Rating : MAX 1.5A
Resistance Unbalance (%) : Max 5	Operating Voltage : 72V
Capacitance Unbalance : 330PF (For 100M)	Dielectric strength : 2.5 KVDC for 2 SECS
Delay Skew (For 100M) : 45NS	

## Cat6 SFTP, 24AWG Outdoor Cable

### Color Code

Pair Number : Color

1 - 2 : White-Orange Stripe and Orange

3 - 6 : White-Green Stripe and Green

4 - 5 : White-Blue Stripe and Blue

7 - 8 : White-Brown Stripe and Brown

Flame Rating : Fmability Tests- IEC 60332-1

Acid Gas Emission Test- IEC 60754-1

Smoke Density Test- ASTM 2843

Packing : Reels of 305m Length

### Ordering information

Part No.	Description
<b>NETCON</b>	Category 6 SFTP, Solid Copper Outdoor Cable, HDPE jacket - 305 Mtr Roll