



CAT7 S/FTP Internal Cable



DATA SHEET

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CAT7 S/FTP 4 Pairs Internal Cable-PVC Sheath

Cat7 S/FTP internal cable series consists of 100 Ohm impedance, these cables are used for high bandwidth, high speed applications. 4 pairs and 8 pairs cables for horizontal installations in local area network (LANs). The individual and overall screening to meet strict cross talk requirements.

Features

- Category: CAT7 S/FTP 4Pairs-PVC-TC30
- Reference standard: ISO/IEC11801, TIA-568-C.2
- Conductor: solid-bare copper material, Nom.O.D: 0.560 ±0.005mm
- Insulation: skin-foam-skin PE material, diameter: 1.330 ±0.05 mm
- Screening material: AL/mylar
- Outer screening material: tinned copper 0.10mm with ≥30% coverage

Sheath:

Thickness	0.55 ±0.05mm
External O.D.	7.6 ±0.5mm
Surface	Clean,frap,satiation
Material	PVC(complies RoHS)

- Surface printing color: black, print error & space: ≤±0.5%/1m, letter height: 3.0±0.3mm
- Core color

A.White/blue	B.White/orange
C.White/green	D.White/brown

- Packing: drum, dimension according to the requirement.
- Packing length: 305 ±1.5m
- Rip code: yes
- Drain wire: no
- Out jacket physical properties:

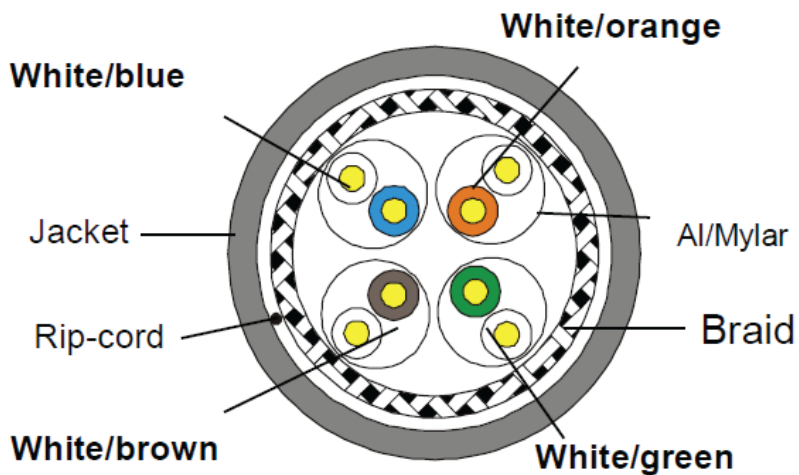
Before aging tensile strength (Mpa) ≥13.5 Elongation (%) ≥150
Aging period (°C×hrs) 100°C x 24h x 7d
After aging tensile strength (Mpa) ≥12.5 Elongation (%) ≥125
Cold bend (-20±2°C x 4h) 8 x Cable O.D., No visible cracks

**Specifications are subject to change without notice based on technical recommendations and related product enhancements*

● Electrical characteristics (20°C):

Impedance(Ω) : (1-100MHz) $100 \pm 15\Omega$ (100-250MHz) $100 \pm 18\Omega$ (250-600MHz) $100 \pm 25\Omega$
Delay Skew (ns/100m) ≤ 25
Velocity of propagation (%) 74
Unbalanced-to-ground capacitance (pf/100m) max 330
DC resistance (Ω /100m) max 9.38
DC conductor resistance unbalance (%) max 2.0

Inner Structure



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