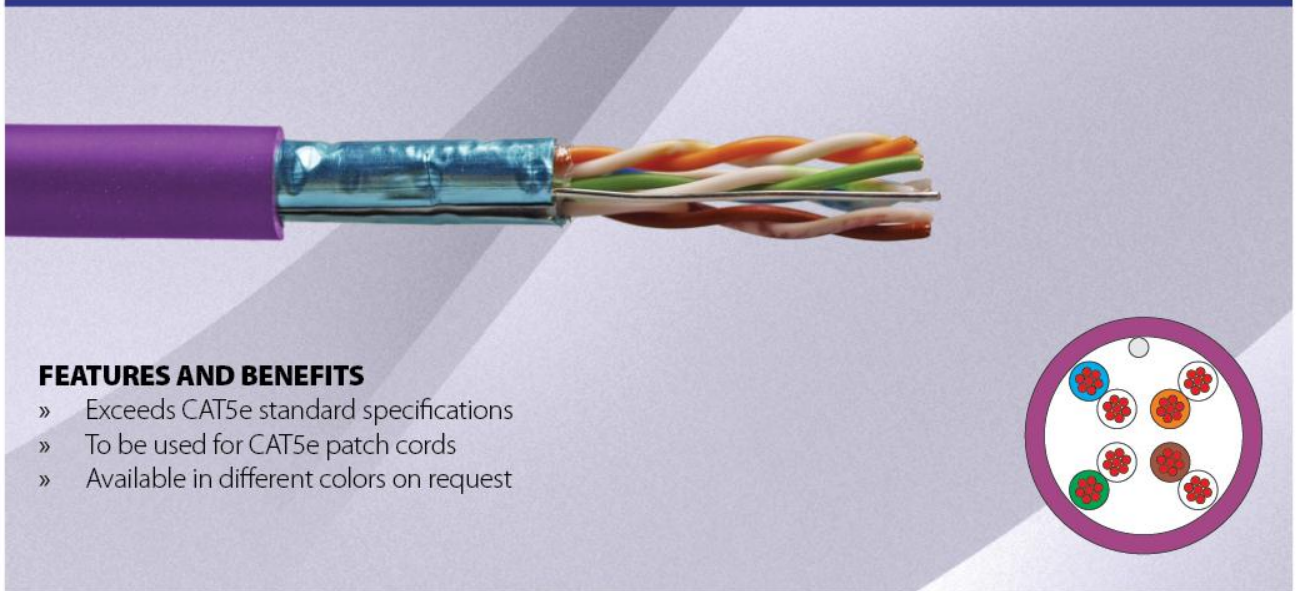


LAN CABLES FTP Cat5e STRANDED



FEATURES AND BENEFITS

- » Exceeds CAT5e standard specifications
- » To be used for CAT5e patch cords
- » Available in different colors on request

- » Temperature range(C °): -20 to 70
- » Velocity ratio(%): 66
- » Linear resistance (max.): <170 Ohm/km
- » Mutual capacity (nom.): 50 pF/m
- » Characteristic impedance:
(From 1 to 100 MHz)100±15 Ohm
- » Bending radius (min.): 8 x cable diameter
- » Flame retardancy: CMP, CMR, CMG, CM
- » UL file number is E334179

Construction

| | |
|---------------------|-------------------|
| Conductor (dia.mm) | 26AWG Stranded BC |
| Insulation (dia.mm) | HDPE |
| Drain wire | 26AWG TC |
| Al-PET shielded | 110% |
| Jacket (dia.mm) | PVC/LSZH 5.6 |
| No. of pairs | 4 |

STANDARDS AND PERFORMANCES

- » CABLE: - IEC 61156
- » - EN 50288-3-2
- » SYSTEM: - EIA/TIA 568-B.2 – CAT5e
- » - ISO 11801 Edition 2 - CLASS D
- » - EN 50173 Edition 2 – CLASS D

NETWORK APPLICATIONS

- » ISDN - VoIP
- » TOKEN RING 4/16 Mbits - 100 VG-AnyLAN
- » TP-PMD/TP-DDI - ATM 155, 622,1200 Mbits
- » ETHERNET: 10 Base T, 100 Base Tx, 100 Base T4, 1000 Base T

Transmission specifications

| Frequency (MHz) | Insertion Loss (dB/100m) | Next Loss (dB/100m) | Return Loss (dB/100m) |
|-----------------|--------------------------|---------------------|-----------------------|
| 1 MHz | 3.0 | 65.3 | 20.0 |
| 4 MHz | 6.2 | 56.3 | 23.3 |
| 10 MHz | 9.8 | 50.3 | 25.0 |
| 16 MHz | 12.3 | 47.2 | 25.0 |
| 20 MHz | 14.0 | 45.8 | 25.0 |
| 25 MHz | 15.7 | 44.3 | 24.2 |
| 31.25 MHz | 17.7 | 42.9 | 23.3 |
| 62.50 MHz | 25.6 | 38.4 | 20.7 |
| 100 MHz | 33.0 | 35.3 | 19.0 |

Art No

Product Description

FO-LC5eS-FTPP

FTP CAT5e Stranded PVC Cable

FO-LC5eS-FTPH

FTP CAT5e Stranded LSZH Cable

