

CAT.6A U/FTP 500 MHZ

EMEK KABLO CAT.6A U/FTP 500 MHZ



KULLANIM ALANLARI

ISDN - VoIP
 TOKEN RING 4/16 Mbit - 100 VG-AnyLAN
 TP-PMD/TP-DDI - ATM 155, 622, 1200 Mbit
 ETHERNET: 10 Base T, 100 Base Tx, 100 Base T4, 1000 Base T, 10 G Base T
 IEEE 802.3af - PoE (Power Over Ethernet)
 Future 802.3at - PoEP (Power over Ethernet Plus)

KABLO YAPISI

| | |
|--------------------|--|
| İletken | Mono tavlı bakır AWG23 |
| İzolasyon | PO - Poliolefin |
| Ekran | Bireysel AL/PET folyo - %100 kapama |
| Toprak Teli | Mono kalaylı bakır AWG26 |
| Kılıf | PVC veya LSZH - RAL 4001 Mor |
| Standartlar | EIA/TIA 568-B2-10 / IEC 61156-5 Ed2 EN 50288-10-1 |

TEKNİK ÖZELLİKLER

| | |
|---------------------|--|
| Direnç (max) | 75 Ω / km |
| Empedans | 1-100 MHz 100 \pm 15 Ω / 100-250 MHz 100 \pm 25 Ω 250-500 MHz 100 \pm 25 Ω |
| Kapasite | Nominal 45 pF/m |
| Yayıma Hızı | 79% c |

APPLICATION

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, 10 G Base T
 IEEE 802.3af - PoE (Power Over Ethernet)
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CONSTRUCTION

| | |
|-------------------|--|
| Conductor | Solid annealed copper AWG23 |
| Insulation | PO - Polyolefin |
| Shielding | Individual AL/PET foil - Coverage %100 |
| Drain Wire | Solid tinned copper AWG26 |
| Jacket | PVC or LSZH - Violet RAL 4001 |
| Standards | EIA/TIA 568-B2-10 / IEC 61156-5 Ed2 EN 50288-10-1 |

TECHNICAL SPECIFICATIONS

| | |
|--------------------------------|--|
| Resistance (max) | 75 Ω / km |
| Impedance | 1-100 MHz 100 \pm 15 Ω / 100-250 MHz 100 \pm 25 Ω 250-500 MHz 100 \pm 25 Ω |
| Capacitance | Nominal 45 pF/m |
| Velocity Of Propagation | 79% c |

| MHz | INSERTION LOSS (dB/100 m) | NEXT (dB/100 m) | ACR-N (dB/100 m) | PSNEXT (dB/100 m) | ACR-F (dB/100 m) | PSACR-F (dB/100 m) | RETURN LOSS (dB/100 m) |
|-------|------------------------------|--------------------|---------------------|----------------------|---------------------|-----------------------|---------------------------|
| 1 | 2.1 | 74.3 | 72.3 | 72.3 | 67.8 | 64.8 | 20.0 |
| 4 | 3.8 | 65.3 | 61.5 | 63.3 | 55.8 | 52.8 | 23.0 |
| 10 | 5.9 | 59.3 | 53.3 | 57.3 | 47.8 | 44.8 | 25.0 |
| 16 | 7.5 | 56.2 | 48.6 | 54.2 | 43.7 | 40.7 | 25.0 |
| 25 | 9.4 | 53.3 | 43.8 | 51.3 | 39.8 | 36.8 | 24.3 |
| 31.25 | 10.5 | 51.9 | 41.2 | 49.9 | 37.9 | 34.9 | 23.6 |
| 100 | 19.1 | 44.3 | 24.5 | 42.3 | 27.8 | 24.8 | 20.1 |
| 200 | 27.6 | 39.8 | 10.8 | 37.8 | 21.8 | 18.8 | 18.0 |
| 250 | 31.1 | 38.3 | 5.5 | 36.3 | 19.8 | 16.8 | 17.3 |
| 300 | 34.3 | 37.1 | - | 35.1 | 18.3 | 15.3 | 16.8 |
| 500 | 45.3 | 33.8 | - | 31.8 | 13.8 | 10.8 | 15.2 |