

CAT.6A F/FTP 500 MHZ

EMEK KABLO CAT.6A F/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
1. Ekran	Bireysel AL/PET folyo - %100 kapama
Toprak Teli	Mono kalaylı bakır AWG26
2. Ekran	ALPET folyo - %100 kapama
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 $100 \pm 15 \Omega$ / 100-250 MHz $100 \pm 20 \Omega$ 250-500 MHz $100 \pm 25 \Omega$
Kapasite	Nominal 45 pF/m
Yayıma Hızı	79% c

APLICATION

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)
 Future 802.3at - PoEP (Power over Ethernet Plus)

CONSTRUCTION

Conductor	Solid annealed copper AWG23
Insulation	PO - Polyolefin
Shielding 1	Individual AL/PET foil - Coverage 100%
Drain Wire	Solid tinned copper AWG26
Shielding 2	AL/PET foil - Coverage 100%
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 $100 \pm 15 \Omega$ / 100-250 MHz $100 \pm 20 \Omega$ 250-500 MHz $100 \pm 25 \Omega$
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	2.0	75.0	73.0	72.0	67.8	64.8	20.0
4	3.7	65.3	61.6	62.3	55.8	52.8	23.0
10	5.8	59.3	53.5	56.3	47.8	44.8	25.0
16	7.4	56.2	48.8	53.2	43.7	40.7	25.0
25	9.2	53.3	44.1	50.3	39.8	36.8	24.3
31.25	10.4	51.9	41.5	48.9	37.9	34.9	23.8
100	19.0	44.3	25.3	41.3	27.8	24.8	20.1
200	27.5	39.8	12.3	36.8	21.8	18.8	18.0
250	31.0	38.3	7.3	35.3	19.8	16.8	17.3
300	34.2	37.1	2.9	34.1	19.8	16.8	17.3
400	40.0	35.3	-4.7	32.3	19.8	16.8	17.3
500	45.3	33.8	-11.5	30.8	19.8	16.8	17.3