

CAT.7 S/FTP 600 MHZ

EMEK KABLO CAT.7 S/FTP 600 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	Kalaylı bakır örgü
Kılıf	PVC veya LSZH - RAL 4001 Mor
Standartlar	IEC 61156-5 / EN 50288-4-1

TEKNİK ÖZELLİKLER

Direnç (max)	75 Ω / km
Empedans	1-100 MHz 100 \pm 15 Ω / 100-250 MHz 100 \pm 20 Ω 250-600 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
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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	Tinned copper braid
Jacket	PVC or LSZH - Violet RAL 4001
Standards	IEC 61156-5 / EN 50288-4-1

TECHNICAL SPECIFICATIONS

Resistance (max)	75 Ω / km
Impedance	1-100 MHz 100 \pm 15 Ω / 100-250 MHz 100 \pm 20 Ω 250-600 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	2.0	80.0	78.0	77.0	80.0	77.0	20.0
10	5.7	80.0	74.3	77.0	74.0	71.0	25.0
16	7.2	80.0	72.8	77.0	69.9	66.9	25.0
20	8.1	80.0	71.9	77.0	68.0	65.0	25.0
31.25	10.1	80.0	69.9	77.0	64.1	61.1	25.0
62.5	14.5	75.1	60.6	72.5	58.1	55.1	23.0
100	18.5	72.4	53.9	69.4	54.0	51.0	20.0
200	28.0	68.0	40.0	65.0	49.0	46.0	16.0
300	33.3	65.3	32.0	62.3	44.5	41.5	15.0
600	48.9	60.8	11.9	57.8	38.4	35.4	15.0