CAT.7A S/FTP 1000 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 802.3at – PoE (Power Over Ethernet)
Future 802.3at – PoEP (Power over Ethernet Plus)
Terrestrial TV (Analogue and digital)

APPLICATION

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KABLO YAPISI

İletken	Mono tavlı bakır AWG22
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 1021 Sarı
Standartlar	IEC 61156-5 / EN 50288-9-1

CONSTRUCTION

Conductor	Solid annealed copper AWG22
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 - Yellow RAL 1021
Standards	IEC 61156-5 / EN 50288-9-1

TEKNİK ÖZELLİKLER

Direnç (max)	75 Ω / km
Empedans	1-100 MHz 100 ± 15 Ω / 100-250 MHz 100 ± 20 Ω 250-1000 MHz 100 ± 25 Ω
Kapasite	Nominal 45 pF/m
Yayılma Hızı	79% c

TECHNICAL SPECIFICATIONS

Resistance (max)	75 Ω / km
Impedance	1-100 MHz 100 ± 15 Ω / 100-250 MHz 100 ± 20 Ω 250-1000 MHz 100 ± 25 Ω
Capacitance	Nominal at 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)
4	3.7	78.0	78.0	75.0	78.0	7.0	23.0
10	5.8	78.0	74.3	75.0	74.0	71.0	25.0
16	7.3	78.0	72.8	75.0	70.0	66.9	25.0
20	8.2	78.0	71.9	75.0	68.0	65.0	25.0
31.25	10.3	78.0	69.9	75.0	64.0	61.1	23.6
62.5	14.6	75.0	60.6	72.0	58.0	55.1	21.5
100	18.5	72.0	53.9	69.0	54.0	51.0	20.1
300	32.7	65.0	40.0	62.0	44.0	46.0	17.3
600	47.1	61.0	32.0	58.0	38.0	41.5	17.3
1000	61.9	57.0	11.9	54.0	34.0	35.4	17.3
1200	NC	NC	NC	NC	NC	NC	NC

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