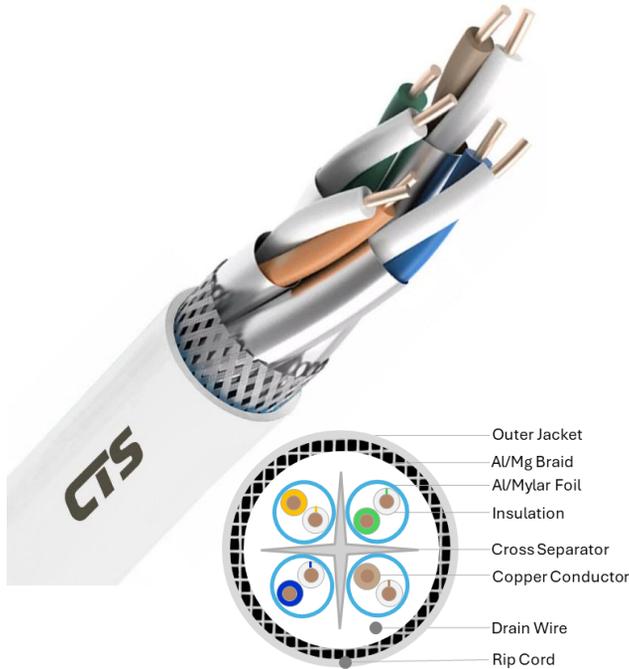


CCC7ASFLSy | Category 7A Cable S/FTP

23 AWG Low Smoke Zero Halogen 1200 MHz



Product Description:

CTS High-performance Category 7A S/FTP cable is designed for premium structured cabling systems. Each pair is individually foil-shielded with an overall braid to ensure exceptional electromagnetic immunity and support for ultra-high-speed data transmission up to 1200 MHz.

Applications:

High EMI Environments
Data Center Infrastructure
Transmission parameters up to 1200 MHz

Standards:

ANSI/TIA-568.2-D
ISO/IEC 61156-5
EN 50288-4
EN 50173-1
ISO/IEC 11801-1

Features:

Supports all PoE standards
Superior EMC performance
Individual Pair Foil & Overall Braid Construction



*Images are for representative purposes only

Technical Specification:

Conductor Material	Solid Bare Copper	
Conductor Nominal Outer Diameter	0.580 ± 0.005 mm (23 AWG)	
Insulation Material	Skin-Foam-Skin PE	
Insulation Diameter	1.350 ± 0.05 mm	
Insulation Colour Coding	1 White- Blue /Blue	2 White-Orange /Orange
	3 White-Green /Green	4 White- Brown /Brown
Individual Shield	Al / Mylar Foil	
Overall Shield	Al / Mg Alloy Braid (35% Coverage)	
Drain Wire	Yes	
Rip Cord	Yes	
Sheath Thickness	0.55 ± 0.05 mm	
Outer Sheath	Low Smoke Zero Halogen (LSZH)	
Cable Outer Diameter	7.8 ± 0.5 mm	

Version 02-01



CCC7ASFLSyy | Category 7A Cable S/FTP 23 AWG Low Smoke Zero Halogen 1200 MHz



Impedance	100 ± 22 Ω at 20°C
Delay Skew	≤ 25 ns/100m at 20°C
DC Resistance	9.38 Ω/100m max at 20°C
DC Conductor Resistance Unbalance	2.0 % max at 20°C
Nominal Velocity of Propagation (NVP)	74 %
Max. Pulling Force (N)	110 N
Min. Bend Radius	8 x Cable Diameter
Package Length	1000 Ft

Technical Performance:

Frequency (MHz)	RL (dB)	ATTN (dB)	NEXT (dB)	PSNEXT (dB)	ACR-F (dB)	PSACR-F (dB)	Phase Delay (ns)
1	20.0	-	78.0	75.0	78.0	75.0	570.0
4	23.0	3.74	78.0	75.0	78.0	75.0	552.0
8	24.5	5.24	78.0	75.0	75.9	72.9	546.7
10	25.0	5.86	78.0	75.0	74.0	71.0	545.4
16	25.0	7.41	78.0	75.0	69.9	66.9	543.0
20	25.0	8.29	78.0	75.0	68.0	65.0	542.0
25	24.3	9.29	78.0	75.0	66.0	63.0	541.2
31.25	23.6	10.41	78.0	75.0	64.1	61.1	540.4
62.5	21.5	14.88	75.5	72.5	58.1	55.1	538.6
100	20.1	19.02	72.4	69.4	54.0	51.0	537.6
150	18.9	23.56	69.8	66.8	50.2	47.2	536.9
200	18.0	27.47	67.9	64.9	48.0	45.0	536.5
250	17.3	30.97	66.4	63.4	46.0	43.0	536.3
300	17.3	34.19	65.2	62.2	44.5	41.5	536.1
600	17.3	50.10	60.7	57.7	38.4	35.4	535.5
700	14.2	54.63	59.7	56.7	37.1	34.1	535.4
1000	13.1	66.93	57.3	54.4	34.0	31.0	535.1
1200	13.1	68.36	59.2	56.2	33.7	30.7	535.0

Ordering Information:

CCC7ASFLSWH

CTS Category 7A S/FTP 23 AWG LSZH Cable 305m White

Colour options - Replace (WH) in the part number with:

BK = Black, BU = Blue, GR = Green, GY = Grey, OR = Orange, RD = Red, VT = Violet, YL = Yellow

*Minimum Order Quantity will be applicable for colours other than White

