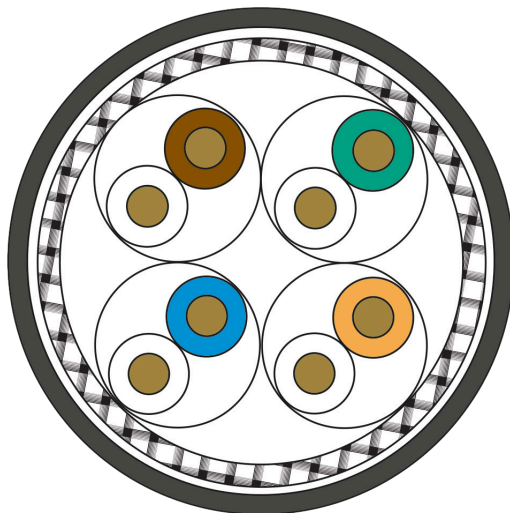


S-FTP DATAKABEL 4X2XAWG23 KATEGORI 7



ANVENDELSE

Anvendes til højhastigheds-kabelsystemer, hvor behovet for stor datatrafik er tilstede.

Specielt egnet i støjfyldte miljøer. Anvendes ofte med i forbindelse med kategori 6A, RJ45 Jack.

- Varenr.: 122507
- EANr.: 5706683028809



SPECIFIKATION

- Kategori: 7 S/FTP
- Transmissionshastighed: 10 Gbps
- Frekvens: 1000 Mhz
- Impedans: 100 +/- 15 ohm
- NVP værdi: 74 %
- EMC klasse: D
- CPR: Dca
- DoP dok.: GL-122507
- Antal par: 4
- Leder: AWG23 massiv kobber
- Lederisolation: PE
- Kappe: LSZH, hvid
- Skærm: Individuel folie + fælles flettet skærm
- UV-beständig: Ja
- Standard: EIA/TIA 568B. ISO/IEC 11801. EN50173-2
- Oplægning: Tromle 500 m



S-FTP DATAKABEL 4X2XAWG23 KATEGORI 7

P/N: G2602-254

Content of the Data Sheet									
Sheath Printing	TBD								
Customer No.		Customer Reference							
Category									
Reference	S/FTP-CAT7-4P-LSZH-AM30(Dca-s2,d2,a1)								
Standard	IEC 61156-5; EN 50288-4-1								
Conductor	Material	SOLID-Bare Copper							
	Nom.O.D.(mm)	0.550	up	+0.005					
				down	-0.005				
Insulation	Material	Skin-foam-skin PE							
	Diameter	1.280±0.05 mm							
Inner Screening Material	Al/Mylar	Drain wire	TC 0.40mm						
Outer Screening Material	AM	Coverage	Nom.30%						
Sheath	Thickness	0.55±0.05 mm			Technical Performance (100m):				
	External O.D.	7.0±0.5 mm			Frequency RL (MHz)	≥dB	ATT ≤dB	NEX T	PHASE DELAY ≤ns
	Surface	Clean,Frap,Satiation			1.0	20.0	—	≥dB	570.0
	Material	LSZH(complies RoHS)			4.0	23.0	3.74	78.0	552.0
	Color	TBD			8.0	24.5	5.24	78.0	546.7
Surface Printing	Letter height	3.0±0.3mm			10.0	25.0	5.86	78.0	545.4
	Color	Black			16.0	25.0	7.41	78.0	543.0
	Print error & Space	≤±0.5%, 1m			20.0	25.0	8.29	78.0	542.0
					25.0	24.3	9.29	78.0	541.2
					31.25	23.6	10.41	78.0	540.4
Core Color	1 White/Blue	2 White/Orange			62.5	21.5	14.88	78.0	538.6
	3 White/Green	4 White/Brown			100	20.1	19.02	75.5	537.6
Packing	Drum				150	18.9	23.56	72.4	536.9
Wooden Tray dimension	According to the requires				200	18.0	27.47	69.8	536.5
Packing length	305m, 500m and 1000m				250	17.3	30.97	67.9	536.3
Rip-cord	Yes				300	17.3	34.19	66.4	536.1
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)				600	17.3	50.10	65.2	535.5
	Elongation (%) ≥10.0				*700	14.2	54.63	60.7	535.4
	Elongation (%) ≥125				*1000	13.1	66.93	59.7	535.1
	Aging Period (°C×hrs) 100°C×24h×7d				Frequency PSNEXT (MHz)				
	After Aging Tensile Strength (Mpa) ≥8.0				ELFEXT ≥dB				
Electrical Characteristics (20°C)	Elongation (%) ≥100				PSELFEXT ≥dB				
	Cold bend (-20±2°C×4h) 8×Cable O.D., No visible cracks				1	75.0	78.0	75.0	
	Impedance(Ω) : (1-100MHz) 100±15Ω				4	75.0	78.0	75.0	
	(100-250MHz) 100±18Ω				8	75.0	75.9	72.9	
	(250-600MHz) 100±25Ω				10	75.0	74.0	71.0	
	Delay Skew (ns/100m) ≤25				16	75.0	69.9	66.9	
	Velocity of Propagation (%) 78				20	75.0	68.0	65.0	
Remarks:	unbalanced-to-ground capacitance (pf/100m) max 160				25	75.0	66.0	63.0	
	DC Resistance (Ω/100m) max 9.86				31.25	75.0	64.1	61.1	
	DC Conductor Resistance Unbalanc (%) max 2.0				62.5	72.5	58.1	55.1	
					100	69.4	54.0	51.0	
					150	66.8	50.2	47.2	
				200	64.9	48.0	45.0		
				250	63.4	46.0	43.0		
				300	62.2	44.5	41.5		
				600	57.7	38.4	35.4		
				*700	56.7	37.1	34.1		
				*1000	54.4	34.0	31.0		
Reaction to fire Classification: Dca-s2-d2-a1					CPRPart no. G2602-163				
Acceptance criterion:FLUKE Permanent link test(ISO11801 PL Class F)≤90m, pass									
Version	A/01	Date	2022-10-10	Revised By	Caihanglie	Audited By	Nidonghua	Approved By	Nidonghua