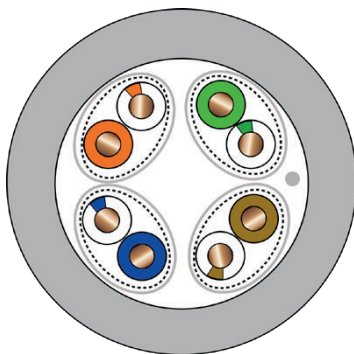


035100: CABLE CAT6A U/FTP SOLID LSZH Dca

Description			Application			
Product Description: 4P CAT6A U/FTP SOLID LSZH Reference standard: TIA/EIA 568C.2&ISO/IEC 11801, UL 444:2017 Ed.5 Colour-coded insulation Solid bare copper LSZH jacket			10-BaseT 100 Base-TX 100 Base-T 1000 Base-T (Gigabit Ethernet) 1000 Base-TX 10000 Base-TX (10Gigabit)			
Structure	Construction	U/FTP				
	Number of pairs	4Pairs				
Conductor	AWG	23AWG				
	Material	Solid bare copper				
	Conductor dimension (mm)	0.57				
Insulation	Insulation Material	Polyolefin				
	Insulation dimension(mm)	1.35±0.02				
Pairs	1	White-Blue			Electrical Character-istics	1--500MHZ
	2	White-Orange				Linear resistance ≤7.6Ω/100 m
	3	White-Green				Imbalance capacity ≤1600pF/1000 m
	4	White-Brown	Charakteristic impedance 100±6Ω			
Filler	Filler material	-	Nominal velocity of propagation 78%			
Binder	Binder material	-	-			
Shield	Individual shield & material	Al-Foil	-			
	Primary overall shield & material	-	-			
	Secondary overall shield & material	-	-			
	Shield coverage	-	Mechanical Character-istics	Working temperature -40 to + 70°C		
	Drain wire	0.4MM tinned Cu		-		
Outer jacket	Outer jacket material	LSZH		-		
	Outer jacket CPR	Dca-s1-d1a		-		
	Overall dimension (H*L mm)	7.3MM±0.03		-		
	Outer jacket color	BLUE RAL5015		-		
	Outer jacket rip cord	Rip cord		-		
Packing	Box 300 meters					
Code	035100					
Marking	CTnet™ 035100 U/FTP CAT6A 4x2x23 AWG 500Mhz 100Ω SHIELDED LSOH CABLE ETL VERIFIED to IEC 61156-5 ISO/IEC 11801 & ANSI/TIA 568.2-D CE 2011/65/EU & EN50575:2014 (RoHS-2) Euro-class Dca METER MARK					

Rev. 1 14/02/2025

Information and Data may be changed without notice.

Electrical specification

Frequency (MHz)	Return Loss (dB)	Insertion Loss (dB)	NEXT Loss (dB)	PS NEXT Loss (dB)	ACRF (dB)
	Min.	Max.	Min.	Min.	Min.
1,00	19,10	1,90	65,00	62,00	64,20
4,00	21,00	3,50	64,10	61,80	52,10
8,00	21,00	5,00	59,40	57,00	46,10
10,00	21,00	5,50	57,80	55,50	44,20
16,00	20,00	7,00	54,60	52,20	40,10
20,00	19,50	7,80	53,10	50,70	38,20
25,00	19,00	8,80	51,50	49,10	36,20
31,25	18,50	9,80	50,00	47,50	34,30
62,50	16,00	14,00	45,10	42,70	28,30
100,00	14,00	18,00	41,80	39,30	24,20
200,00	11,00	26,10	36,90	34,30	18,20
250,00	10,00	29,50	35,30	32,70	16,20
300,00	9,20	32,70	34,00	31,40	14,60
400,00	8,00	38,40	29,90	27,10	12,10
500,00	8,00	43,80	26,70	23,80	10,20

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