

## | STANDARDS

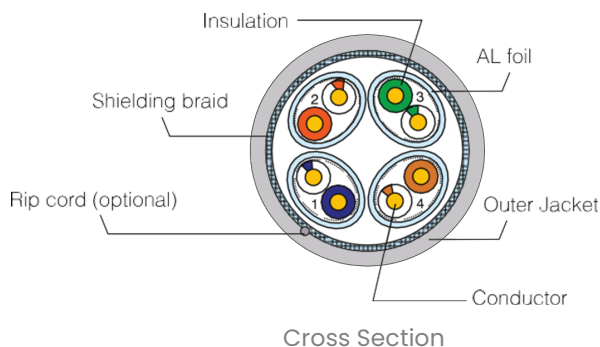
ANSI/TIA-568.2-D Cat 6A, ISO 11801/IEC 11801:2017,  
ISO 11801/IEC 11801:2017, IEC 61156-5, IEEE 802.3bt-2018,  
IEEE 802.3an 10GBASE-T, IEEE 802.3bt-2018 PoE compliance,  
RoHS Compliant, REACH compliant

## | PRODUCT STRUCTURE

Product Structure	S/FTP
Conductor	23AWG
Number Of Pairs	4
Nominal Conductor Dimension	0.57±0.02mm
Insulation Material	Skin-Foam-Skin
Nominal Insulation Dimension	1.34±0.05mm
Color Code	White&Blue/Blue White&Orange/ Orange White&Green/Green White&Brown/Brown
Individual Shield&Material	AL Foil
Outer Shield&Material	Braided Wire
Drain Wire	No
Outer Jacket Material	LSZH
Ripcord	Optional
Nominal Cable Diameter	7.50±0.30mm

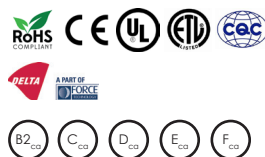
## | APPLICATION

- 100 BASE-Tc 155 Mbps ATM
- 100 BASE-TX 622 Mbps ATM
- 100VG-AnyLAN 10GB ETHERNET
- 1000 BASE-T
- 1000 BASE-TX



## | MECHANICAL CHARACTERISTIC

Operating Temperature	-20-75°C
Maximum Pulling Force	110N
Minimum Bending Radius	8 X O.D.
Flame Test	IEC 60332-1, IEC 60754-1&2, IEC 61034-2, EN 50575:2014+At:2016: EuroClass Dca-s2, d1, atEu Regulation 305/2011 (CPR)



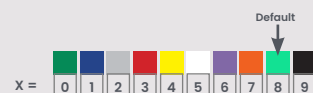
## | ORDERING

## 14C6ASF8S2X-5

Cat 6A, S/FTP 4 pair 23AWG Solid Cable,  
LSZH Jacket, 500 mtr roll

## 14C6ASF8S28-5

Default: Aqua Green Color



## | ELECTRICAL CHARACTERISTICS

F (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/100m)	PSACR-F (dB/100m)	Return Loss (dB)
1	2,1	74,3	72,3	570	67,8	64,8	20,0
4	3,8	65,3	63,3	552	55,8	52,8	23,0
8	5,3	60,8	58,8	547	49,7	46,7	24,5
10	5,9	59,3	57,3	545	47,8	44,8	25,0
16	7,5	56,2	54,2	543	43,7	40,7	25,0
20	8,4	54,8	52,8	542	41,8	38,8	25,0
25	9,4	53,3	51,3	541	39,8	36,8	24,3
31,25	10,5	51,9	49,9	540	37,9	34,9	23,6
62,5	15	47,4	45,4	539	31,9	28,9	21,5
100	19,1	44,3	42,3	538	27,8	24,8	20,1
200	27,6	39,8	37,8	537	21,8	18,8	18,0
250	31,1	38,3	36,3	536	19,8	16,8	17,3
300	34,3	37,1	35,1	536	18,3	15,3	16,8
400	40,1	35,3	33,3	536	15,8	12,8	15,9
500	45,3	33,8	31,8	536	13,8	10,8	15,2