

| STANDARDS

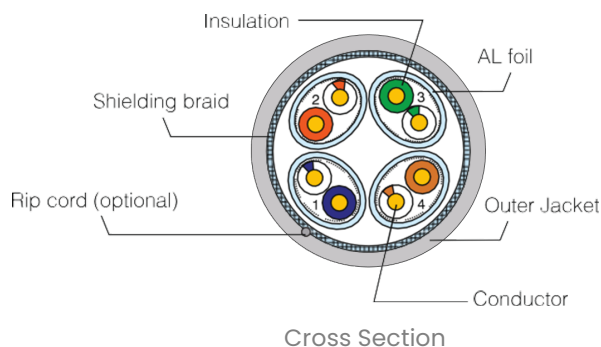
IEC 61156-8, TIA/EIA 568B.2-1b and TIA-568-C.2,
TIA/EIA 568B.2-1b and TIA-568-C.2, ISO/IEC Ed2.2 1801:2011,
EN50173:2011, IEC 60332-1, IEC 60754 (gas) and IEC 61034(smoke),
RoHS Compliant, REACH compliant

| PRODUCT STRUCTURE

Product Structure	S/FTP
Conductor	22AWG
Number Of Pairs	4
Nominal Conductor Dimension	0.63±0.02mm
Insulation Material	Skin-Foam-Skin
Nominal Insulation Dimension	1.60±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 60332.1
Ripcord	Optional
Nominal Cable Diameter	8.50±0.30mm

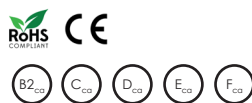
| APPLICATION

- 100 BASE-Tc
- 100 BASE-TX
- 100VG-AnyLAN
- 1000 BASE-T
- 1000 BASE-TX
- 155 Mbps ATM
- 622 Mbps ATM
- 10GB ETHERNET
- 25GB BASE-T
- 40GB BASE-T



| MECHANICAL CHARACTERISTIC

Operating Temperature	-20~75°C
Maximum Pulling Force	110N
Minimum Bending Radius	10 X O.D.
Flame Test	IEC 60332-1, IEC 60754-1&2, IEC 61034-2, EN 50575:2014+At:2016; EuroClass Dca-s2, dl, d1Eu Regulation 305/2011 (CPR)



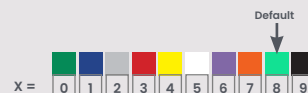
| ORDERING

14C8SF8S2X-5

Cat 8, S/FTP 4 pair 22AWG Solid Cable, LSZH Jacket, 500 mtr roll

14C8SF8S28-5

Default: Aqua Green Color



| ELECTRICAL CHARACTERISTICS

F (MHz)	Attenuation (dB/30m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/30m)	PSACR-F (dB/30m)	Return Loss (dB)
1	1,12	78,0	75,0	570	78	75	20,0
4	1,12	78,0	75,0	552	78	75	23,0
8	1,57	78,0	75,0	547	78	75	24,5
10	1,75	78,0	75,0	545	78	75	25,0
16	2,20	78,0	75,0	543	76,5	73,5	25,0
20	2,46	78,0	75,0	542	74,6	71,6	25,0
25	2,75	78,0	75,0	541	72,6	69,6	25,0
31,25	3,08	78,0	75,0	540	70,7	67,7	25,0
62,5	4,37	78,0	75,0	539	64,7	61,7	23,6
100	5,56	75,4	72,4	538	60,6	57,6	22,2
200	7,94	70,9	67,9	537	54,6	51,6	20,1
250	8,92	69,4	66,4	536	52,6	49,6	19,4
300	9,81	68,2	65,2	536	51,1	48,1	18,9
400	11,40	66,4	63,4	536	48,6	45,6	18,0
500	12,83	64,9	61,9	536	46,6	43,6	17,3
600	14,13	63,7	60,7	535,5	45,0	42,0	16,8
1000	18,58	60,4	57,4	535,1	40,6	37,6	15,2
1500	23,17	57,8	54,8	534,9	39,1	34,1	14,0
2000	27,15	55,9	52,9	534,8	34,6	31,6	13,1