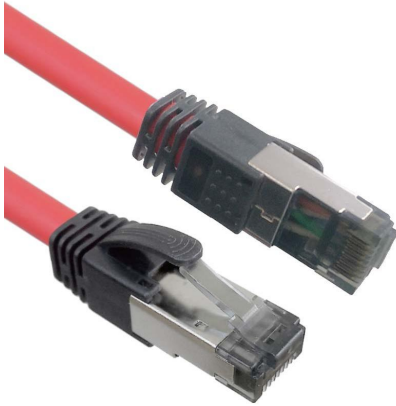


# 7241007 CAT.8 S/FTP RJ45 Patch Cord

## Application:



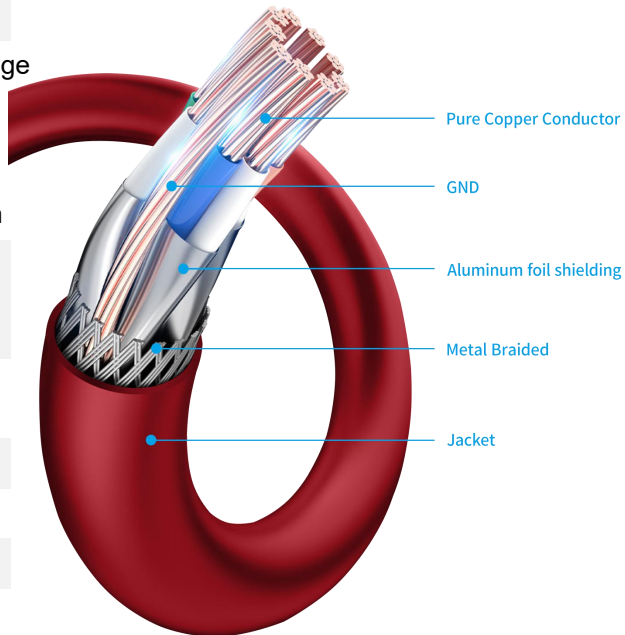
Category 8 cabling systems will play a major role in data centers and mission-critical environments upgrading to 25/40GBASE-T.

ZION Communication CAT8 S/FTP Patch Cords conforms to ANSI/TIA/EIA-568.2-D, ISO/IEC 11801, IEEE and CENELEC EN50575 for Category 8. All patch cords are 100% (FLUKE DSX 8000) tested per Cat.8 Channel up to 2000 MHz. Designed for high speed protocols such as IEEE 802.3:10Base-T, 100Base-T, 1000Base-T, 10GBase-T, 40GBase-T, HDBase-T A & B and ATM,

## Specification:

**Patch Cable** (Cat.8.2,S/FTP, Transmission requirements per IEC 61156-10)

Conductor:	Stranded bare copper
Pairs:	4 Pairs
Insulation:	Skin-Foam-Skin PE
Insulation Color Per TIA/EIA 568-B	Orange, White/White-Orange
	Blue, White/White-Blue
	Green, White/White-Green
	Brown, White/White-Brown
Individual Shield :	Pair in Al/PET Foil, Aluminum face outwards, 100% coverage
Overall Shield:	TC or Al_Mg Braiding, Coverage: >30%
Out Jacket:	LSZH OR PVC
Frequency Range	1 - 2000 Mhz
Impedance	100Ω
Max.Resistance Unbalance	2%
Current Rating	1.5A
Voltage	72 VDC max
Operating Temp.	Min. -40 °C, Max. +65 °C

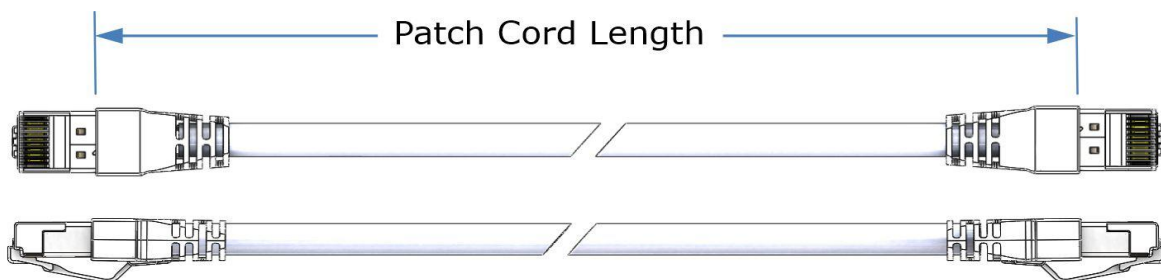


## Connector

Description	Material	Type
Plug	Polycarbonate	RJ45
Boot	LSZH OR PVC	Snagless
Front Connection	Phosphor Bronze with 50u inch Gold over Nickel Plating	Blades
Shielding	Copper Alloy, Nickel plated	
Durability	750 Mating Cycles min.	

## Characteristics:

VERSION	CLASS	MAX. OPERATING FREQUENCY	SHIELDING TYPE	PLUG CONNECTOR	USED FOR	NOTE	NORMAL
Cat 8.1	G (I)	2000MHz	S/FTP	RJ45	25GBase-T (Lengths of 50m) 40GBase-T (Lengths of 30m)	Faster server interconnection. Connections in data centres.	ISO/IEC TR 11801-99-1



**Product Code:**

SF8 1 C V 03M RD

① ② ③ ④ ⑤ ⑥

Cable Type	Number of conductor wires	Conductor material	Outer sheath material	Cable length	Outer sheath color
SF8= S/FTP CAT8	1=7/0.2 2=7/0.16 3=7/0.127	C=Bare Copper	V= PVC O=LSZH	03=0.3M; 7.5=7.5M 05=0.5M; 10=10M 1=1M; 15=15M 2=2M; 20=20M 3=3M; 30=30M 5=5M; .....	○ White    ● Pink ● Brown   ● Blue ● Green   ● Red ● Yellow   ● Black ● Grey     ● Violet
①	②	③	④	⑤	⑥

**Ordering Information**

**CAT 8 S/FTP 24AWG Copper Conductor RJ45 Patch Cord**

Conductor: 7/0.2mm Copper; Cable OD:7.8±0.2mm; Max Length: up to 25meter.

Zion Code	Description
SF81CO05MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 0.5m
SF81CO1MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 1m
SF81CO2MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 2m
SF81CO3MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 3m
SF81CO5MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 5m
SF81CO8MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 8m
SF81CO10MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 10m
SF81CO15MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 15m
SF81CO20MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 20m
SF81CO25MRD	CAT 8 S/FTP 24AWG Copper RJ45 Patch Cord,LSZH,Red, 25m

## CAT 8 S/FTP 26AWG Copper Conductor RJ45 Patch Cord

Conductor: 7/0.16mm Copper; Cable OD:6.4±0.2mm; Max Length: up to 20meter.



Zion Code	Description
SF82CO05MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 0.5m
SF82CO1MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 1m
SF82CO2MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 2m
SF82CO3MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 3m
SF82CO5MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 5m
SF82CO8MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 8m
SF82CO10MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 10m
SF82CO15MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 15m
SF82CO20MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 20m

## CAT 8 S/FTP 28AWG Copper Conductor RJ45 Patch Cord

Conductor: 7/0.127mm Copper; Cable OD:6.2±0.2mm; Max Length: up to 5meter.

Zion Code	Description
SF83CO05MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 0.5m
SF83CO1MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 1m
SF83CO2MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 2m
SF83CO3MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 3m
SF83CO5MRD	CAT 8 S/FTP 28AWG Copper RJ45 Patch Cord,LSZH,Red, 5m

## OEM/ODM service for you

ZION Communication has rich experiences in producing OEM/ODM cases because of Profession R & D team.

- Customized Logo on Plug & Boot
- Printing on Cable
- Label/PE bag/Carton design
- Different Color & Different Lengths Available
- Different Molding/Strain Relief

## More type of Plug and boot



## Packing

