

SCP PART#: CAT7A-STR-LSZH-WT

Cat7a S/FTP Stranded 1200MHz 4PR 26AWG Low Smoke Zero Halogen, 10G Ethernet, ANSI/TIA 568.2-D, ISO/IEC 11801 CLASS Fa, EN50575:2014 Dca, UV Sun Res Indoor/Outdoor Rated LSZH Jkt - White 300m /984ft Spool

PRODUCT DESCRIPTION

• Cable Specifications:

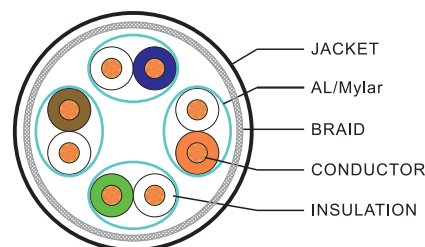
CAT7A S/FTP 4 X 1P[26AWG(7/0.16mm±0.008mm BC)+AL/Mylar]+B (16*5/0.10mm)TC LSZH(Dca) OD: 6.0±0.20mm

• Standard Reference:

- ISO/IEC 11801:2017
- ANSI/TIA-568.2-D

• Physical characteristic

- Rated temperature: 75°C
- Installation temperature: -20-60°C
- Operating temperature: -20-75°C
- Min bending radius:15xOD in Operation:10xOD after operation
- Safety Characteristics:RoHS-2 2011/65/EU
- UV resistant : Yes



• Application

- Support 1200MHz bandwidth
- Support 10G Ethernet
- Applied to data centers, servers, switches, wiring racks and other equipment connections



CABLE CONSTRUCTION			
Conductor	Material	Stranded Bare Copper	
	Nom.O.D (mm)	7/0.16±0.008mm 26AWGx4P	
Insulation		FMPE	HDPE
Average Thickness(mm)		0.42	/
Insulation Dia.(±0.05mm)		1.04	/
AL/Mylar		COVERAGE 100%	OVERLAP25%min
Braid	Material	TC	
	Size (±0.008mm)	16*5/0.10	
	Coverage	65%	
Jacket LSZH(Dca)	Average Thickness (mm)		0.6
	Outer Dia.(±0.20mm)		6.0
Code Color	1 Blue*White		2 Orange*White
	3 Green*White		4 Brown*White
Marking	Structured Cable Products Inc --- CAT7A-STR-LSZH --- -- Category 7A 10GBASE-T 1200MHz 4PR 26AWG Stranded BC ISO/IEC 11801 Class Fa ANSI/TIA 568.2-D EN50575 Dca-s2,d2,a1 UV Sun Res Indoor/Outdoor Rated Low Smoke Zero Halogen Jkt CE RoHS Zone/Device A B C D E 0 1 2 3 4 5 6 7 8 9 xxx M		
Conductor Resistance@20°C			≤178Ω/km
Resistance Unbalance@20°C			≤5%
Impedance			100Ω±25Ω

PACKAGING	
Packaging length	300M/R
Packaging method	Wooden shaft packing
Spool dimension	1000mm x 1200mm
Net Weight	12.8 kgs
Gross Weight	13.4 kgs
Spools per Pallet	36
Pallet dimension	1000mm x 1200mm

TECHNICAL PERFORMANCE				
Frequency (MHZ)	Attenuation dB/10m	RL dB	NEXT dB	PS-NEXT dB
1	0.29	23	80	77
10	0.85	25	80	77
100	2.78	20.1	78	75
200	3.97	18	74	71
250	4.46	17.3	72	69
500	6.41	17.3	68	65
600	7.06	17.3	67	64
700	7.67	15	66	63
800	8.24	14.5	65	62
900	8.78	14.1	64	61
1000	9.29	13.7	63.4	60
1100	-	-	-	-
1200	-	-	-	-

Frequency (MHZ)	ACR dB@10M	PS-ACR dB@10M	ACR-F dB@10M	PSACR-F dB@10M
1	80	77	80	77
10	79	77	74	71
100	75	72	54	51
200	70	67	48	45
250	68	65	46	43
500	62	59	40	37
600	60	57	38	35
700	58	55	37	34
800	57	54	36	33
900	55	52	35	32
1000	54	51	34	31
1100	-	-	-	-
1200	-	-	-	-