

# CAT.7 S/FTP Slimline 26AWG Installation Cable

30905084



kabelschweiz.ch

## PRODUCT DESCRIPTION

### • Cable Specifications:

CAT7 S/FTP 4\*1P[26AWG(1/0.40mm±0.008mm BC)+AL/Mylar]+B (16\*5/0.12mm)AL-MG LSZH 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

### • Application

- Support 600MHz bandwidth
- Support 10G Ethernet
- Applied to data centers, servers, switches, wiring racks and other equipment connections

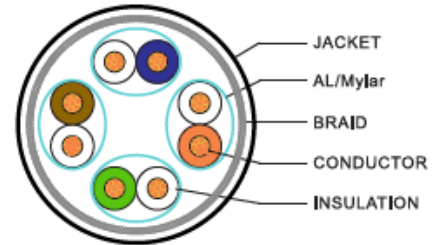
## CABLE CONSTRUCTION

Conductor	Material	Solid Bare Copper	
	Nom.O,D (mm)	1/0.40±0.008mm 26AWGx4P	
Insulation	Material	FMPE	HDPE
	Average Thickness(mm)	0.30	/
Insulation Dia.(±0,05mm)	Material	1,00	/
	AL/Mylar	COVERAGE 100%	OVERLAP25%min
Braid	Material	AL-MG	
	Size (±0.008mm)	16*5/0.12	
	Coverage	65%	
Jacket LSZH	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	
Mraking	/		
Packaging length	305m/R		
Packaging method	High speed rotating shaft 2Reel/Box		

## CHARACTERISTICS

Conductor Resistance@20°C	≤95Ω/km
Resistance Unbalance@20°C	≤5%

## Cable Cross-Section Structure



## TECHNICAL PERFORMANCE

CAT.7 Fluke Channel Test @60 meter

Frequency (MHZ)	Insertion Loss	RL Min (dB)	NEXT Min (dB)
1	4.0	19,0	65.0
4	4.1	19.0	65.0
8	5.7	19,0	65,0
10	6.4	19.0	65.0
16	8.1	18.0	65,0
20	9.1	17.5	65.0
25	10.2	17.0	65.0
31.25	11.4	16.5	65.0
62.25	16.3	14.0	65.0
100	20.8	12,0	62,9
200	30.0	9,0	58,3
250	33.8	8,0	56.9
350	40.5	8,0	54.7
450	46.5	8,0	53.1
500	49.3	8,0	52.4
600	54.6	8,0	51.2

Frequency (MHZ)	PS NEXT Min(dB)	ELFEXT Min(dB)	PSELFEXT Min(dB)	Impedance (Ohms)
1	62,0	65,0	62,0	100±15
4	62.0	65.0	62.0	
8	62,0	62,4	59,4	
10	62.0	60.8	57.8	
16	62.0	57.5	54.5	
20	62.0	55.9	52.9	
25	62.0	54.4	51.4	
31.25	62.0	52.8	49.8	
62.25	62.0	47.8	44.8	
100	59.9	44.4	41.4	
200	55.3	39.4	36.4	
250	53.9	37.8	34.8	
350	51.7	35.3	32.3	
450	50.1	33.4	30.4	
500	49.4	32.6	29.6	
600	48.2	31.3	28.3	

