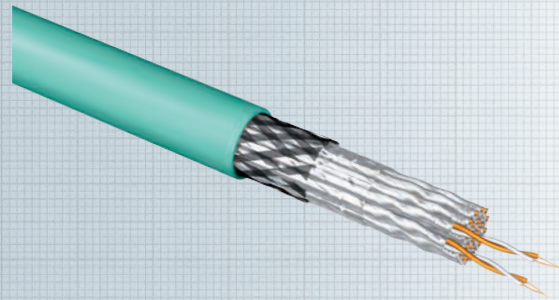
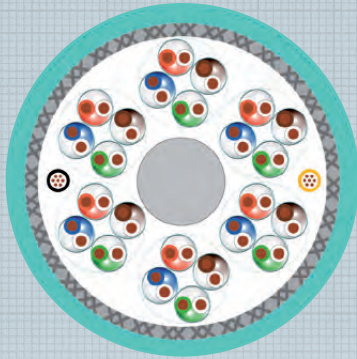


H.D.S. Indoor Cable Cat. 7 6x (4 x 2 x AWG 24/1) S/FTP



H.D.S. Indoor cable Cat.7 6 x (4x2xAWG24/1) S/FTP for simple cabinet-to-cabinet cabling in data centers and multi-connection of server rooms to sub-distribution. The cable assembly consists of 24 pair-shielded cable elements, with each 4 pairs combined into a strand. Each stranding element is provided with a range of numbers for easier identification.

The flexible central strain relief provides very good protection for the cable during installation. The sheath is made of a flexible LSOH material. The pilot cores are AWG 28/7.

Technical Data:

Electrical Values	Cat. 7
Strand	AWG 24/1
Strand diameter	1.04 mm nom.
Cable diameter	16.4 mm nom.
Weight	270 kg/km
Cable sheath	FR-LSOH
Sheath color	aqua
Flame Retardancy Index	IEC 60332.3
Transmission length	Class E ₂ >= 60 m
Flame retardancy	1.83 MJ/m; 0.51 kWh/m
Temperature range	-35°C – +65°C
Max. tensile strength	190N
min. bending radius	>65.6 mm (at rest) >130 mm (upon installation)

Frequency [MHz]	Return loss [dB/100m]	NEXT [dB]	RL [dB]	ELFEXT [dB]
	Typ. value	Typ. value	Typ. value	Typ. value
1	2.6	108	22	98
4	4.9	101	25	93
10	7.7	98	28	89
20	10.9	93	28	83
100	25.0	83	24	69
250	40.8	78	20	61
500	59.5	73	19	50
600	62.0	73	19	48