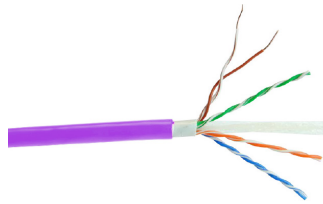


TECHNICAL DATA SHEET



CAT 6 LSZH LAN CABLE

**RoHS
Compliant**

Part Number	CB14891 / CB19401 / CB19402 / CB19403 / CB19404 / CB19405
Design of Cable:	
Inner Conductor	Single bare copper (0.553mm ± 0.01mm)
Insulation	HDPE
Insulation Dia	1mm ± 0.05mm
Core Colour	White-blue, white-orange, white-green & white-brown
Drain Wire	0.4 ± 0.01mm tinned copper
Jacket Material	LSOH
Colour	Purple, blue, yellow, red, green or orange
Size	6.3mm ± 0.2mm
Wall Thickness	0.6mm
Electric Data at 20°C:	
Conductor Resistance	≤70Ω/kM
Insulation Resistance	≥5,000MΩ x kM
Testing Voltage	wire/wire 50Hz 1min = 1.5kV
Permissible Temperature	-10°C to 60°C

Frequency	Impedance	RL	ATT	NEXT	ELFEXT	PSNEXT	PSELFEXT	SKW	NVP
MHz	Ohm	≥dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≥dB/100M	≤ns/100M	
1	100 ± 15	20.0	2.03	74.3	68	72.3	65	≤45	66%
4		23.0	3.7	65	56	63.3	53		
8		24.5	5.3	60.7	49.9	48.8	46.9		
10		25.0	5.9	59	48	57.3	45		
16		25.0	7.5	56	43.9	54.2	40.9		
20		25.0	8.4	55	42	52.8	39		
25		24.3	9.5	53.3	40	41.3	37		
31.25		23.6	10.6	52	38.1	49.9	35.1		
62.5		21.5	15.4	47	32.1	45.4	29.1		
100		20.1	19.8	44	28	42.3	25		
200	100 ± 20	18	29	40	22	37.8	19		
250		17.3	32.8	38.3	20	36.3	17		

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