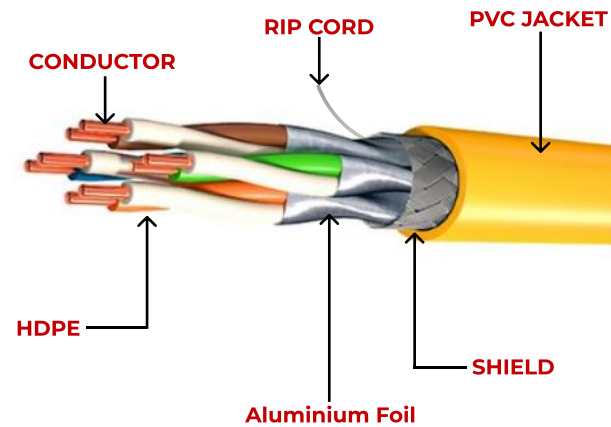
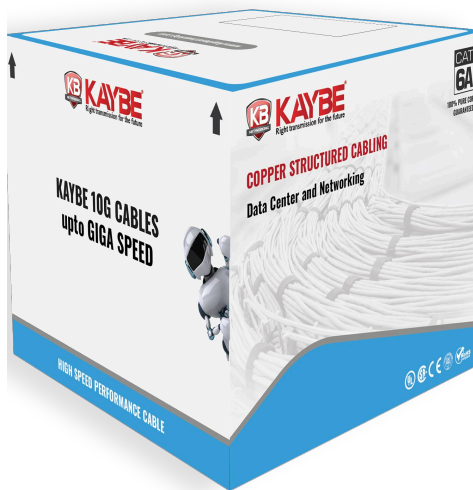


CAT6A 10G ULTRA SERIES - S/FTP CABLE

PART NO.: CAT6ASFTP775LZ

DESCRIPTION: ULTRA 10G CAT6A, S/FTP, LSZH, 23AWG CABLE

The CAT6A 10G Ultra Series - S/FTP cable delivers superior performance with individual shielding for each pair and an overall foil shield to eliminate interference. Supporting up to 500 MHz bandwidth, it ensures reliable 10 Gigabit Ethernet connectivity. Ideal for high-speed, high-demand environments like data centers and enterprise networks.



HIGH FREQUENCY ELECTRICAL PARAMETERS

FREQ (MHz)	INSERTION LOSS (Solid)	RETURN LOSS	NEXT	ACRF	PROP. DELAY	PS NEXT	PS ACRF
1	2.1	20.0	74.3	67.8	570	72.3	64.8
4	3.8	23.0	65.3	55.8	552	63.3	52.8
8	5.6	24.5	60.8	49.7	547	58.8	46.7
10	5.9	25.0	59.3	47.8	545	57.3	44.8
16	7.5	25.0	56.2	43.7	543	54.2	40.7
20	8.4	25.0	54.8	41.8	542	52.8	38.8
25	9.4	24.3	53.3	39.8	541	51.3	36.8
31.25	10.5	23.6	51.9	37.9	540	49.9	34.9
62.5	15.0	21.5	47.4	37.9	539	45.4	28.9
100	19.1	20.1	44.3	27.8	538	42.3	24.8
200	27.6	18.0	39.8	21.8	538	37.8	18.8
250	31.1	17.3	38.3	19.8	536	36.3	16.8
300	34.3	16.8	37.1	18.3	536	35.1	15.3
400	40.1	15.9	35.3	15.8	536	33.3	12.8
500	45.3	15.2	33.8	13.8	536	31.8	10.8

CONSTRUCTION DATA SHEET

Operating Temperature	—5°C TO 40°C
Conductor Material	Solid Bare Copper
Conductor Diameter (mm)	23AWG
Insulation Material	Skin-foam-skin PE
Insulation Diameter	1.38 mm
Rip Cord	210D
Braid	Yes
Coverage	≥30%
Aluminium Foil	Yes
Sheath Material	LSZH
Jacket Thickness (mm)	0.6
Diameter Over Jacket (mm)	8.0±0.5

ELECTRICAL PARAMETERS

Conductor Resistance (20°C)	≤ 9.5Ω/100m
Electrical Resistance Unbalance (20°C)	≤ 2.0%
Insulation Resistance	>5000 MΩ.km
Pair to Ground Capacitance Unbalance (0.8 kHz or 1kHz)	≤ 160 pF/100m
Nominal Velocity of Propagation (NVP)	69 %
Skew	45 ns/100m
Operating Frequency, maximum	500 MHz

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	PACKAGING
CAT6ASFTP775LZ	CAT6A 10G SERIES - S/FTP CABLE	100 meter/box (1000ft)
CAT6ASFTP775LZ	CAT6A 10G SERIES - S/FTP CABLE	305 meter/drum (1000ft)
CAT6ASFTP775LZ	CAT6A 10G SERIES - S/FTP CABLE	500 meter/drum (1640ft)

COMPATIBLE KAYBE PRODUCTS

CAT 6A STP - Tool less Keystone Jack	CAT 6A STP - Rj45 Connectors 50u	CAT 6A SFTP Patch Cords	CAT 6A Patch Panel - STP 24port & 48port
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