

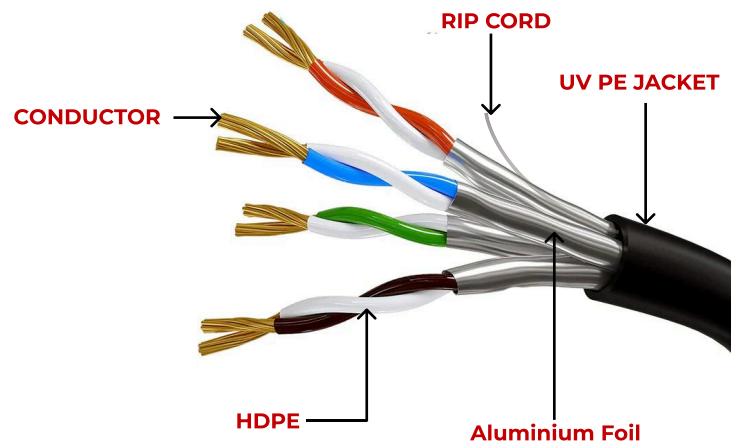
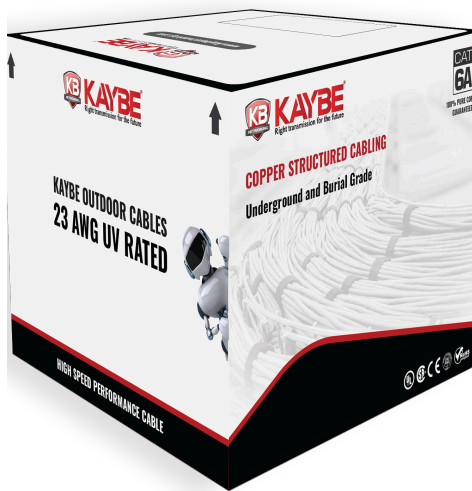


CAT6A 10G ULTRA OUTDOOR - FTP CABLE

PART NO.: CAT6A10GFTP-UVPE

DESCRIPTION: ULTRA 10G CAT6A, OUTDOOR UV PE, F/UTP

KAYBE CAT6A 10G Ultra Outdoor - FTP cable is engineered for 10 Gigabit Ethernet, offering enhanced foil shielding to reduce interference. Its durable, weather-resistant jacket ensures reliable performance in outdoor environments. Supporting up to 800 MHz bandwidth, it's perfect for high-speed, long-distance installations.



HIGH FREQUENCY ELECTRICAL PARAMETERS

FREQ	Zin	Zin	IL	RL	NEXT	PS NEXT	ELFEXT	PS ELFEXT
MHz	Ω	Ω	dB/100m	dB	dB/100m	dB/100m	dB/100m	dB/100m
1.0	81.8	122.2	≤ 2.1	≥ 20.0	≥ 74.3	≥ 72.3	≥ 67.8	≥ 64.8
4.0	86.8	115.2	≤ 3.8	≥ 23.0	≥ 65.3	≥ 63.3	≥ 55.8	≥ 52.8
8.0	88.8	112.6	≤ 5.3	≥ 24.5	≥ 60.8	≥ 58.8	≥ 49.7	≥ 46.7
10.0	89.4	111.9	≤ 5.9	≥ 25.0	≥ 59.3	≥ 57.3	≥ 47.8	≥ 44.8
16.0	89.4	111.9	≤ 7.5	≥ 25.0	≥ 56.2	≥ 54.2	≥ 43.7	≥ 40.7
20.0	89.4	111.9	≤ 8.4	≥ 25.0	≥ 54.8	≥ 52.8	≥ 41.8	≥ 38.8
25.0	88.5	112.9	≤ 9.4	≥ 24.3	≥ 53.3	≥ 51.3	≥ 39.8	≥ 36.8
31.25	87.7	114.1	≤ 10.5	≥ 23.6	≥ 51.9	≥ 49.9	≥ 37.9	≥ 34.9
62.5	84.5	118.3	≤ 15.0	≥ 21.5	≥ 47.4	≥ 45.4	≥ 31.9	≥ 28.9
100	82.0	121.9	≤ 19.1	≥ 20.1	≥ 44.3	≥ 42.3	≥ 27.8	≥ 24.8
200	79.6	125.7	≤ 27.6	≥ 18.0	≥ 39.8	≥ 37.8	≥ 21.8	≥ 18.8
250	77.6	128.8	≤ 31.1	≥ 17.3	≥ 38.3	≥ 36.3	≥ 19.8	≥ 16.8
300	76.0	131.5	≤ 34.3	≥ 17.3	≥ 37.1	≥ 35.1	≥ 18.3	≥ 15.3
400	73.4	136.2	≤ 40.1	≥ 17.3	≥ 35.3	≥ 33.3	≥ 15.8	≥ 12.8
500	71.3	140.2	≤ 45.3	≥ 17.3	≥ 33.8	≥ 31.8	≥ 13.8	≥ 10.8

CONSTRUCTION DATA SHEET

Plastic Separator	Yes
Polyester tap	Yes
Aluminum Foil	Yes
Rip Cord	210D*3
Drain Wire	TC,Yes
CONDUCTOR	
Conductor Material	Solid Bare Copper
Conductor (mm)	23 AWG
INSULATION	
Insulation Material	HDPE (High Density Polyethylene)
Insulation Diameter	1.09 ± 0.05 mm
CORE COLOR	
Pair - 1	White-Blue/Blue
Pair - 2	White-Orange/Orange
Pair - 3	White-Green/Green
Pair - 4	White-Brown/Brown
ENVIRONMENT TEMPERATURE	
Store	-10~+50°C
Installation	-5~+40°C
Work	-20~+60°C
SHEATH	
Material	PE
Thickness (mm)	0.7±0.1
Diameter (mm)	8.0±0.5
Colour	Black

ELECTRICAL PARAMETERS

Conductor Resistance (20°C)	≤9.5 Ω/ 100m
Resistance Resistance Unbalance (20°C)	≤2.0%
Insulation Resistance	>5000 MΩ·km
Pair to Ground Capacitance Unbalance (0.8 KHz or 1KHz)	≤160pF/100m

ORDERING INFORMATION AS PER FOLLOWS

PART NO	DESCRIPTION	PACKAGING
CAT6A10GFTP-UVPE	CAT6A 10G OUTDOOR - FTP CABLE	100 meter/box (1000ft)
CAT6A10GFTP-UVPE	CAT6A 10G OUTDOOR - FTP CABLE	305 meter/drum (1000ft)
CAT6A10GFTP-UVPE	CAT6A 10G OUTDOOR - 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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