

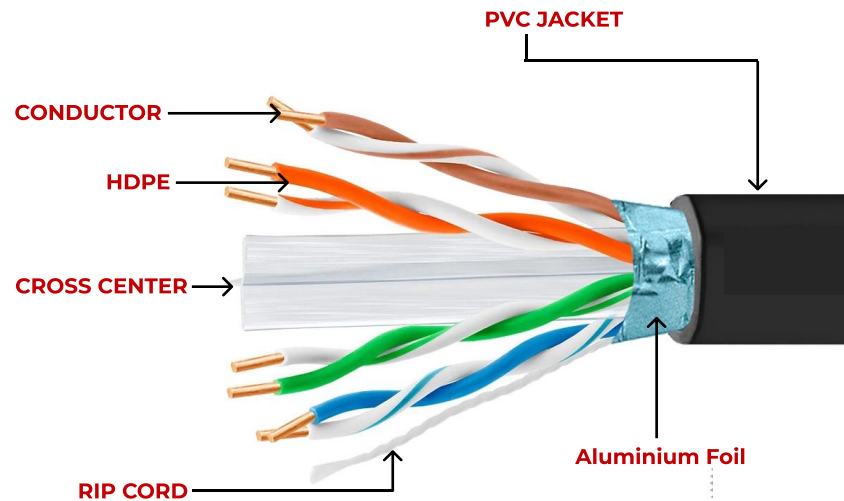


CAT6 OUTDOOR - CCAU CABLE

PART NO.: CAT6FTP600PE

DESCRIPTION: 23AWG OUTDOOR SHIELDED CAT6

KAYBE CAT6 CCAU – FTP Outdoor Cable is designed for high-performance networking in outdoor environments. With Copper-Clad Aluminum (CCAU) construction and FTP shielding, it ensures reliable data transmission and protection against the elements. Ideal for outdoor surveillance, remote access points, and more, this durable, weather-resistant cable provides a stable, secure connection with performance.



HIGH FREQUENCY ELECTRICAL PARAMETERS

FREQ (MHz)	INS LOSS (dB/100m) Max.	NEXT Pair to Pair (dB/100m) Min.	NEXT Power Sum (dB/100m) Min.	ELFEXT Pair to Pair (dB/100m) Min.	ELFEXT Power Sum (dB/100m) Min.	Return Loss (dB/100m)
1	1.8	71.0	67.4	70.1	67.3	25.2
4	3.6	62.5	64.1	58.8	55.9	28.1
8	5.0	60.0	63.2	51.2	50.0	26.3
10	5.8	58.1	61.5	50.1	46.7	30.1
16	7.7	55.0	60.0	46.9	43.9	31.0
20	7.9	54.3	55.6	45.3	41.5	30.8
25	8.4	53.7	54.9	42.5	40.7	29.6
31.25	10.0	52.3	55.9	41.8	36.8	29.0
62.5	14.5	46.7	49.8	35.0	30.3	26.7
100	18.1	44.0	46.3	32.1	28.1	25.0
250	33.0	38.0	36.0	20.0	18.0	18.0

CONSTRUCTION DATA SHEET

Operating Temperature	—20°C TO 75°C
CONDUCTOR	
Description	23 AWG CAT6 FTP Outdoor
Conductor Material	CCAU
No. Of Strands	1 Nos
Conductor (mm)	0.575 mm (CCAU)
INSULATION	
Insulation Material	HDPE (High Density Polyethylene)
Insulation Thickness	0.20MM (Nominal)
Insulation Diameter	1.08 ± 0.10 mm
PAIR TWISTING	
Pair - 1	Blue + White-Blue
Pair - 2	Orange + White-Orange
Pair - 3	Green + White-Green
Pair - 4	Brown + White-Brown
INNER SHIELD	
4 Pair Laid Up	All of the 4pair twisted together With Separator i.e. Cross Filler
Foil	AL Foil + Drain Wire
OUTER SHEATH	
Material	UV PE Grade jacket
Thickness (mm)	1.0 mm
Diameter (mm)	6.70 ± 0.10 mm
Colour	Black

ELECTRICAL PARAMETERS

Conductor ResistanceΩ/100m.20°C	≤20Ω
Conductor allow load current(A)	0.5A'
Voltage Rating	≤30V
Operating Temperature(°C)	—20°C~75°C