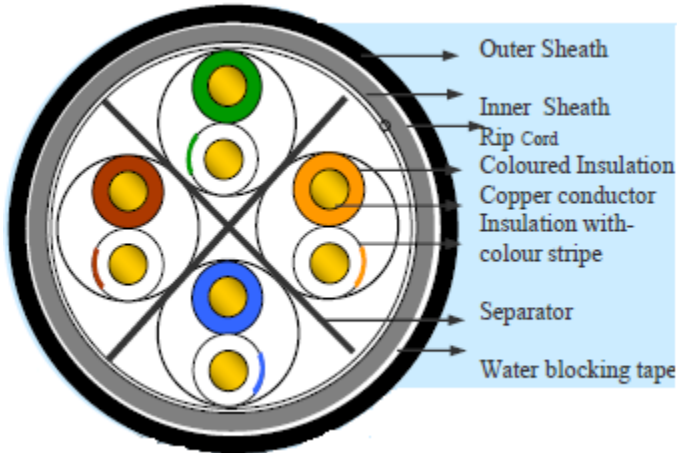


## R195772 Installation Cable Cat.6A, U/UTP, 4P, 500 MHz, Outdoor Double Jacket, 305 m



### Description

Cat.6A, UTP, AWG23 Outdoor double jacket cable. Data transmission frequencies of up to 500 MHz. This cable meets the requirements of ANSI/TIA-568.C.2

### Technical Data

Standardisation	ANSI/TIA-568.C.2
Cable class	Installation Cable
Category	Cat.6A
Cu cable shielding	UTP
Pairs	2 insulated conductors twisted together
Insulation	High density polyethylene
Cable outer jacket material	UVPE, Black
Cable inner jacket material	LSZH, Grey
Water Blocking	Water Swellable Tape between two Jackets
Cable overall diameter	Ø 8.5 ± 0.3 mm
Conductor diameter	AWG23, 0.570±0.01
Temperature Range	Operation: -20°C to +70°C, Installation: 0°C to +50°C
Length (meter)	305

### ELECTRICAL PARAMETER

- Conductor Resistance: ≤ 9.38 Ω/100m
- Mutual Capacitance: < 5.6 nF/100m
- Resistance Unbalance: 5% max.
- Capacitance Unbalance: 330pF/100m
- Delay Skew: 45ns/100m

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### MECHANICAL PARAMETER

- Bending Radius : 8x Cable Diameter at 20°C ± 1°C
- Pulling Force: 11.5 Kg

### TRANSMISSION CHARACTERISTIC 85M PL

Frequency (MHz)	Max attenuation (dB/100M)	RL (dB)	NEXT (dB)	PSNEXT (dB)	ACR (dB)	PSACRF (dB)
1	1.9	19.1	65.0	62.0	67.8	64.8
4	3.5	21.0	64.1	61.8	55.8	52.8
10	5.5	21.0	57.8	55.5	47.8	44.8
16	7.0	20.0	54.6	52.2	43.7	40.7
20	7.8	19.5	53.1	50.7	41.8	38.8
31.25	9.8	18.5	50.0	47.5	37.9	34.9
62.5	14.0	16.0	45.1	42.7	31.9	28.9
100	18.0	14.0	41.8	39.3	27.8	24.8
200	26.1	11.0	36.9	34.3	21.8	18.8
250	29.5	10.0	35.3	32.7	19.8	16.8
300	32.7	9.2	34.0	31.4	18.3	15.3
500	43.8	8.0	26.7	23.8	13.8	10.8