

Industrial Solution



Installation Cable

Category 6 U/UTP Outdoor

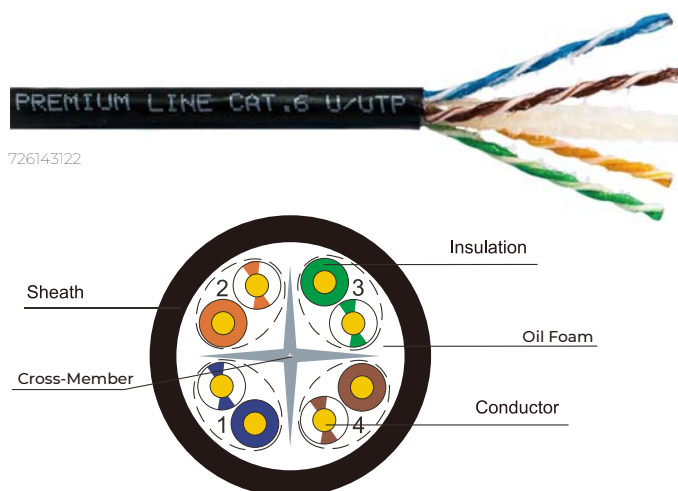
Premium-Line Category 6 gel filled cable is ideally designed for outdoor cabling. Each conductor made by annealed 23AWG bare copper, guarantees the conductor elongation strength, the semi-solid compound filling around each pair, against the water penetration and protects inner insulation from vile weather. The cable completed with excellent PE out sheath, ensures it could endure all weather condition in temperature range -40°C ~60°C.

Standards:

- ANSI/TIA-568.2-D:2018
- ISO/IEC 11801-1:2017 CLASS E
- CENELEC EN 50173-1
- CENELEC EN 50288-6-1, IEC 61156-5 for horizontal cable

Application:

- CCTV IP system video, voice transmission
- POE system
- 1000BASE-TX (Gigabit Ethernet)
- 1000BASE-T (Gigabit Ethernet)
- 100BASE-TX Fast Ethernet
- 10BASE-T Ethernet
- Voice



Construction

Conductor	Material / size	Bare Copper / 23 AWG
Insulation	Material	HDPE
Filling Compound		Oil Foam
Sheath	Material	PE
	Diameter	7.2± 0.5 mm
Operation Temperature		-40°C ~60°C

Electrical Performance

(MHz)	(dB)		(dB/100m)		(dB)		(dB)		(dB)		(dB)		PS ACR-F		Return Loss	
	Nor.		Typ.		Nor.		Typ.		Nor.		Typ.		Nor.		Typ.	
1.0	1.9	1.7	65.0	67.1	62.0	64.1	64.2	76.4	61.2	74.5	19.1	26.1	Nor.	Typ.	Nor.	Typ.
4.0	3.5	3.2	64.1	68.8	61.8	65.8	52.1	64.5	49.1	62.4	21.0	32.5	64.8	79.8	20.0	29.0
10.0	5.5	5.2	57.8	60.8	55.5	57.8	44.2	56.4	41.2	54.5	21.0	34.1	52.8	67.8	23.0	32.0
16.0	7.0	6.7	54.6	56.6	52.2	53.6	40.1	52.3	37.1	40.4	20.0	30.6	44.8	59.8	25.0	38.0
20.0	7.9	7.6	53.1	55.1	50.7	52.1	38.2	50.4	35.2	48.5	19.5	31.0	40.7	55.7	25.0	34.0
31.25	10.0	9.7	50.0	53.4	47.5	50.4	34.3	46.4	31.3	44.5	18.5	31.5	38.8	53.8	25.0	34.0
62.5	14.4	14.2	45.1	48.0	42.7	45.0	28.3	40.5	25.3	38.5	16.0	27.4	34.9	49.9	23.6	32.0
100.0	18.6	18.3	41.8	44.4	39.3	41.4	24.2	36.3	21.2	34.0	14.0	26.0	28.9	43.9	21.5	32.0
200.0	27.4	27.1	36.9	39.0	34.3	36.0	18.2	30.5	15.2	28.1	11.0	23.8	24.8	39.8	20.1	32.0
250.0	31.1	30.8	35.3	37.2	32.7	34.2	16.2	28.5	13.2	26.1	10.0	22.5	20	35.7	18.7	31.0

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PART NO.	DESCRIPTION	PACKING SIZE
726143122	Category 6 U/UTP Outdoor Installation Cable, Oil foam, PE, -40°C, Black, 305m/reel	35(O.D)x29.8(H)cm