

LinkSide

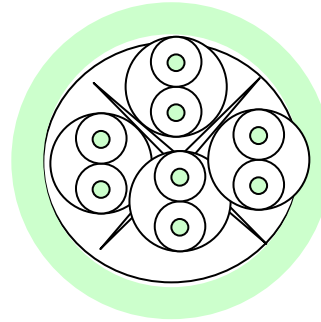
Category 6 UTP Outdoor cable

Product code: 490310

Standards:

- TIA/EIA-568-C.2

Construction:



Application:

- Suitable for Duct and Underground
- Conduit Applications
- Rugged Black Polyolefin Jacket
- UV Resistant Jacket

Type	No. of Pairs	Conductor	Insulation Thickness		Outer Diameter		Jacket	Insulation
			mm	Inch	mm	inch		
OUTDOOR	4	23AWG (0.55 mm)	0.23	0.0090	6.2	0.244	PE	HDPE

Electrical Characteristics:

Item	Specification
Conductor Resistance	93.8 Ω /km 20 °C Max
Mutual Capacitance	5.6 nF/100m Max.
Resistance Unbalance	5% Max.
Capacitance Unbalance	330 pF/100m Max.
Impedance	100 \pm 15 Ω

Frequency MHz	Attenuation Max. (dB/100m)	Pr-Pr NEXT Min. dB \geq 100m	PS NEXT Min. dB \geq 100m	ACR Min. dB	Pr-Pr FEXT Min. dB/100m	PS ELFEXT Min. dB/100m
0.772	1.8	76.0	74.0	74.2	70.0	67.0
1	2.0	74.3	72.3	72.3	67.8	64.8
4	3.8	65.3	63.3	61.5	55.8	52.8
8	5.3	60.8	58.8	55.4	49.7	46.7
10	6.0	59.3	57.3	53.3	47.8	44.8
16	7.6	56.2	54.2	48.6	43.7	40.7
20	8.5	54.8	52.8	46.2	41.8	38.8
25	9.5	53.3	51.3	43.7	39.8	36.8
31.25	10.7	51.9	49.9	41.1	37.9	34.9
62.5	15.4	47.4	45.4	31.7	31.9	28.9
100	19.8	44.3	42.3	24.1	27.8	24.8
200	29.0	39.8	37.8	10.0	21.8	18.8
250	32.8	38.3	36.3	4.6	19.8	16.8

Electrical Performance

Frequency MHz	Attenuation Min.dB/100m	Return Loss dB	NEXT Min.dB/100m	P.S NEXT Min.dB/100m	FEXT Min.dB/100m	P.S ELNEXT Min.dB/100m
1	2.0	74.3	72.3	72.3	67.8	64.8
4	3.8	65.3	63.3	61.5	55.8	52.8
8	5.3	60.8	58.8	55.4	49.7	46.7
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