

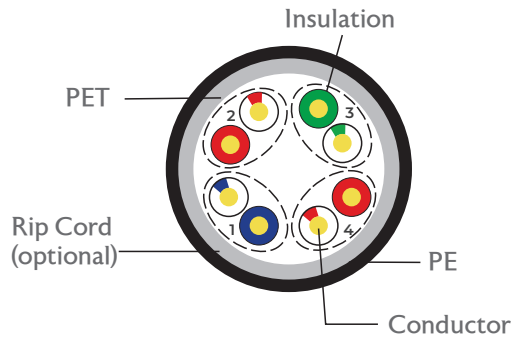
# Cat 6 4-Pair U/UTP Outdoor Cable

## Standards

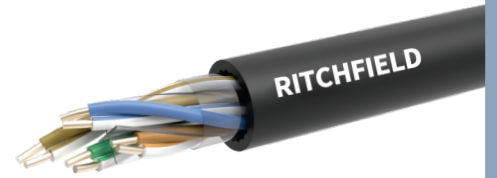
UL Subject 444, ANSI/TIA 568C.2, ANSI/TIA 568C.2-D, ISO / IEC 11801, IEC 61156 - 5, YD/T1019-2013

## Applications

- 100 BASE - TC
- 100 BASE - TX
- 100VG - Any LAN
- 1000 BASE - T
- 1000 BASE - TX
- 155 Mbps ATM
- 622 Mbps ATM



**Cross Section Diagram**



## Mechanical Information

Operating Temperature	-40 - 75°C
Maximum Pulling Force	110N
Minimum Bending Radius	4 X O.D.
Flame Test	PE: Fca

## Product Structure

Conductor	23AWG
Number of Pairs	4
Nominal Conductor Dimension	0.57 ± 0.02mm
Insulation Material	Solid PE
Nominal Insulation Dimension	1.01 ± 0.06mm
Color Code	White&Blue/Blue White&Orange/Orange White&Green/Green White&Brown/Brown
Seperator	Yes
Outer Jacket Material	PE
Ripcord	Optional
Nominal Cable Diameter	6.20 ± 0.30mm

## Electrical Characteristics

Frequency (Mhz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	Prop. Delay (ns/100m)	ACR-F (dB/100m)	PSACR-F (dB/100m)	Return Loss (dB)
1	2.0	74.3	72.3	570	67.8	64.8	20.0
4	3.8	65.3	63.3	552	55.8	52.8	23.0
8	5.3	60.8	58.8	546.7	49.7	46.7	24.5
10	6.0	59.3	57.3	545.4	47.8	44.8	25.0
16	7.6	56.2	54.2	543	43.7	40.7	25.0
20	8.5	54.8	52.8	542	41.8	38.8	25.0
25	9.5	53.3	51.3	541.2	39.8	36.8	24.3
31.25	10.7	51.9	49.9	540.4	37.9	34.9	23.6
62.5	15.4	47.4	45.4	538.6	31.9	28.9	21.5
100	19.8	44.3	42.3	537.6	27.8	24.8	20.1
200	29.0	39.8	37.8	536.5	21.8	18.8	18.0
250	32.8	38.3	36.3	536.3	19.8	16.8	17.3

## Ordering Information

Part Number	Product Description
RF1-6UPE-3BK-OD	Cat 6 U/UTP Twisted 4 pairs solid cable, PE Sheath, Outdoor, 305 Mtr/ Roll, Black