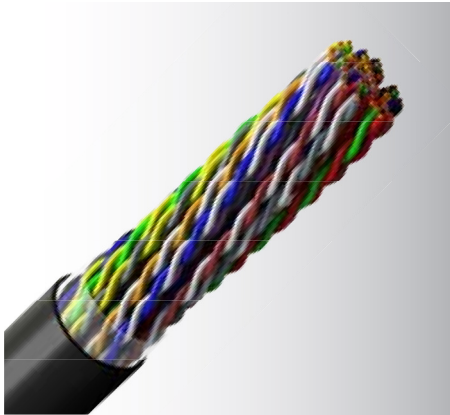


# Category 3 UTP Multi-Pair Outdoors

CU/HDPE/PS TAPE/HDPE



Application :	<ul style="list-style-type: none"> <li>• Outdoor Use (16 MHz)</li> <li>• 10 / 100 Base-T</li> <li>• 4 Mbps Token Ring</li> </ul>
Construction :	Solid bare copper, HDPE Insulated, P/S Tape, HDPE outersheath
Insulation colour :	According to standard
Sheath colour :	Black or as per order
Specification :	ANSI / EIA / TIA - 568C. 2; ISO / IEC 11801; UL 444
FlameTest :	UL 1581 (CMX); UL 1685 (CM); UL 1666 (CMR)

Conductor	Pair	Nominal Outer Diameter	Standard Length	Approx. Weight	Packaging
		(mm)	(m)	(kg/305m)	
Solid Bare Copper (24AWG)	25	9.5	300	38	Reel
	50	13.0		75	
	75	15.5		110	
	100	17.5		140	
	125	19.5		170	
	150	21.0		205	
	200	23.5		265	
	300	28.5		390	

## Electrical Properties @ 20°C

Conductor Resistance	≤ 9.38 Ω / 100m
Resistance Unbalance	≤ 5%
Mutual Capacitance	≤ 6.6nF / 100m
Capacitance Unbalance	≤ 330pF / 100m

## Electrical Data @ 20°C

Frequency	Characteristic Impedance (Z <sub>0</sub> )	SRL Min	ATTENUATION Max	NEXT Min
(MHz)	(Ω)	(dB)	(dB/100m)	(dB)
0.772	-	-	2.2	43.0
1	100 ± 15	12.0	2.6	41.0
4	100 ± 15	12.0	5.6	32.0
8	100 ± 15	12.0	8.5	27.0
10	100 ± 15	12.0	9.7	26.0
16	100 ± 15	10.0	13.1	23.0