

TrueNet®

Category 5e 4-pair Underground Cable

Mechanical:

Diameter (nominal)	6.8mm
Number of Pairs	4
Diameter of Wires	0.53mm
Mass (nominal)	55kg/km
Standard Packing Reels	500m
Operating Temperature range	-20 to +60 °C

Electrical:

DC Conductor Resistance @ 20°C Max.	9.38 Ω/100m
Resistance Unbalance Max.	3%
Mutual Capacitance Norm. @ 1kHz.....	49PF/100m
Capacitance Unbalance pair/ground Max. @ 1kHz	160PF/100m
Characteristic Impedance (0.772 – 100MHz)	100 +/-15 Ω
Maximum Delay Skew (1.0 – 100MHz).....	45ns/100m
Nominal Velocity of Propagation (NVP).....	65%
Maximum Propagation Delay (10MHz)	545

Ordering Information

Description	Quantity	Colour	Product No.
Cat 5e 4-pair Underground Cable (500m reel)	1 reel	Black	6462 1 083-00

SPEC SHEET



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