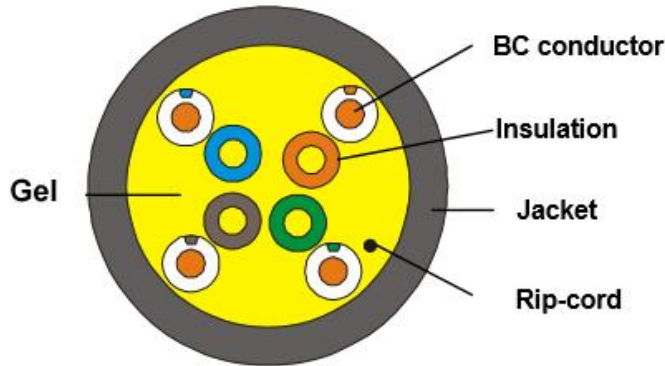


### Cat-5e 4-Pair Gel Filled Outdoor Black (1000 Ft)



#### Features:

- Application: Horizontal Wiring in LAN
- Standard: ANSI/EIA/TIA 568-C.2 & ISO/IEC 11801, UL 568.C.2 - Local Area Network Cable Verified for Transmission Performance, UL ANSI 444 - Communication Cables

Construction			
Category	CAT5e-4P-PE		
Test Standard	ISO/IEC11801, TIA- 568C.2 UL 568.C.2 - Local Area Network Cable Verified for Transmission Performance UL ANSI 444 - Communication Cables		
Conductor	Material	Solid Bare Copper	
	Nom. O.D. (mm)	0.500	Up +0.005 Down -0.005
Insulation	Material	HDPE	
	Diameter	1.00±0.03mm	
Color	A.Blue, White-Blue	B.Orange,White-Orange	
	C. Breen, White-Green	D. Brown, White-Brown	
Rip-cord:	Yes	Drain wire:	No
Jacket	Thickness	0.55±0.05 mm	
	External O.D	5.6±0.5 mm	
	Surface	Clean, Frap, Satiation	
	Material	LDPE (complies RoHS)	
	Color	Black	
Surface Printing	Letter height	3.0±0.3mm	
	Color	White	
	Print error & Space	≤±0.5%, 1m	
Packing Length	305±1.5m		
Sheath Physical Properties	Before Aging Tensile Strength (Mpa)	≥10.0	Elongation(%) ≥350
	Aging Period ( xhrs)	100 x24h×10d °C	
	After Aging Elongation(%)	≥300	
	Cold bend(-20±2 x4h)	8xCable O.D. °C , No visible cracks	
Electrical	1.0-100.0MHz, Characteristic impedance (Ω) 100±15		

Characteristics (20°C)	1.0-100.0MHz, Delay Shew 20°C(ns/100m) ≤45
	DC Resistance 20°C(Ω/100m) max 9.5
	DC Conductor Resistance Unbalance (%)max 5.0

#### FLUKE Permanent Link Technical Performance

Frequency (MHz)	Return Loss ≥ dB	ATT ≤dB	NEXT ≥ dB	Delay ≤ns	PSNEXT ≥dB	ELFEXT ≥dB	PSELFEXT ≥dB
1	19.0	3.0	60.0	521	57.0	58.6	55.6
4	19.0	3.9	54.8	504	51.8	46.6	43.6
8	19.0	5.5	50.0	500	47.0	40.6	37.5
10	19.0	6.2	48.5	498	45.5	38.6	35.6
16	19.0	7.9	45.2	496	42.2	34.5	31.5
20	19.0	8.9	43.7	495	40.7	32.6	29.6
25	18.0	10.0	42.1	495	39.1	30.7	27.7
31.25	17.1	11.2	40.5	494	37.5	28.7	25.7
62.5	14.1	16.2	35.7	492	32.7	22.7	19.7
100	12.0	21.0	32.3	491	29.3	18.6	15.6

#### Ordering Information:

Part Number	Description
NEW-9805061	Cat-5e 4-Pair Gel Filled Outdoor Black (1000 Ft)