

**CATEGORY 5E OUTDOOR SFUTP CABLE**

Four Pair, 24 AWG, Solid Copper Conductors, HD-PE Insulation, Anti-Cross Talk Divider, Ripcord, Overall AP Tape Shield, ESD Drain Wire, Braid Shield, UV Resistant Black Polyethylene Jacket, 1,000' length, CM

**PERFORMANCE CHARACTERISTICS**

Meet or Exceed TIA/EIA-568-C.2  
 Certified to 100 MHz  
 Swept tested to 350 MHz  
 ETL Listed  
 ISO/IEC 11801

**ELECTRICAL CHARACTERISTICS**

Impedance @1-100 MHz:	100 ± 15 Ohms
Nominal Mutual Capacitance @1KHz:	15 pF/foot
Maximum Capacitance Unbalance:	330 pF/100 m
Nominal Velocity of Propagation:	70%
Maximum Delay (ns/100m) @100MHz:	538 ns
Maximum Delay Skew:	45 ns/100 m
Maximum DCR Unbalance @20°C:	5%
Maximum Conductor DC Resistance @20°C:	9.38 Ohms/100 m
Maximum Operating Voltage - UL:	300 V RMS
UL:	CM

**CONSTRUCTION CHARACTERISTICS**

Number of Pairs:	4
Total Number of Conductors:	8
AWG:	24
Conductor:	Solid Bare Copper
Insulation Material:	HD-PE
Anti-Crosstalk Divider:	PET 100% Coverage
Tape Wrap:	AP Foil
Shield:	26 AWG, Tinned Copper
ESD Drain Wire:	34 AWG Alum., 95% Coverage
Outer Jacket OD:	.274"
Outer Jacket Material:	UV Resistant LDPE
Outer Jacket Ripcord:	Yes
Shipping Weight:	31 lbs./1,000 ft.
Max. Recommended Pulling Tension:	35 lbs.
Min. Bend Radius (Install):	1.0"
Storage Temperature Range:	-40°C to +75°C
Installation Temperature Range:	-40°C to +75°C
Operating Temperature Range:	-40°C to +75°C
UL/ETL Flame:	None



ITEM	PUT-UP	COLOR
PVCAT5SFUTPOBLK	Spool	Black

Frequency (MHz)	Return Loss (Min. dB)	Attenuation (Max. dB/100m)	NEXT (Min. dB)
1	23.0	2.0	70.3
4	23.0	4.1	61.2
10	25.0	6.5	55.3
16	25.0	8.2	52.3
31.25	23.6	11.7	47.9
62.5	21.5	17.0	43.4
100	20.1	22.0	40.3
155	18.8	28.1	37.4
200	18.0	32.4	35.7
250	17.5	38.9	34.8
300	16.8	41.0	33.1
350	16.3	44.9	32.1

Values Above 100 MHz are Information Only