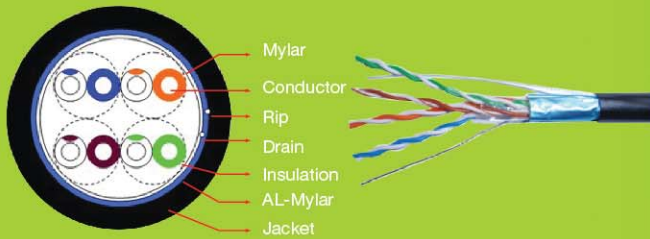




Category 5E STP Cable(350Mhz)/Outdoor



The BELLCOMMS 350Mhz Outdoor Single Jacket for use as horizontal, vertical, aerial and under ground cable in generic cabling systems. The STP cable has solid copper conductors insulated with PE. The cable is supplied with MDPE or HDPE Jacket. All cables are approved in accordance with the most stringent test procedures. They are also 3P and ETL Verified in accordance with the following standards: ISO/IEC 11801, TIA/EIA 568B.2, IEC61156, UL444

Specification :

Application	: Supports Voice, 155/622 Mbps ATM, 270 Mbps digital video, 4/16 Mbps Token Ring, 100 Mbps TP-PMD, Supports 10BASE-T Ethernet, 100BASE-TX Fast Ethernet, Supports 1000BASE-T Gigabit Ethernet, and Broadband video, 100mbps TPDDI, ISDN Broadband video, ISDN
Standards	: TIA/EIA 568A/B Category 5E, ISO/IEC11801 class-D(2000), TIA/EIA-568A-5 CENELEC EN501373, UL & cUL, IEC61156-5 and IEEE802.3
Number of Pairs	: 4 Pairs, 24AWG
Sheath Material	: MDPE, HDPE
Conductot dimension	: 0.51mm.
Insulation diameter	: 1.0mm. PE
Insulation Color	: BLUE / White-Blue ORANGE / White-Orange GREEN / White-Green BROWN / White-Brown
Cable diameter	: 6.2 +/- 2.0 MDPE or HDPE sheath
Shield material	: AL-Mylar
Drain Wire	: 0.5mm. Tinner Copper
Ripcord	: 750D Nylon yarn

Cable Properties :

Bending Minimum bending radius installed 4 x D Temperature window Operation -20C to +60C

Features :

Operating frequency	: 1 - 350 MHz
Impedance	: 100 +/- 15 Ohm
Mutual Capacitance max nF/1000ft (pF/ft	: 17.1
DC Resistance max Ohm/1000ft	: 28.6
DC Resistance unbalance of a pair	: 5% max
Capacitance Unbalance (Pair to Ground)	: 330pF/100m max
Propagation Delay Skew	: 45nS/100m
Nominal OD	: 6.2mm.
Conductor	: 24AWG solid bare copper
Insulation	: HDPE
Jacket	: MDPE or HDPE

Technical Specifications :

Frequency MHz	NEXT dB	Attenuation dB	RL dB	PP	PP	PS	PS	PS
				ACR dB	ELFEXT dB	NEXT dB	ACR dB	ELFEXT dB
1.0	68.3	2.0	20.0	66.3	63.8	66.3	64.3	60.8
4.0	59.3	4.1	23.0	55.2	51.7	57.3	53.2	48.8
8.0	54.8	5.8	24.5	49.0	45.7	52.8	47.0	42.7
10.0	53.3	6.5	25.0	46.8	43.8	51.3	44.8	40.8
16.0	50.3	8.2	25.0	42.1	39.7	48.3	40.1	36.7
20.0	48.8	9.3	25.0	39.5	37.8	46.8	37.5	34.8
25.0	47.3	10.4	24.3	36.9	35.8	45.3	34.9	32.8
31.25	45.9	11.7	23.6	34.2	33.9	43.9	32.2	30.9
62.5	41.4	17.0	21.5	24.4	27.9	39.4	22.4	24.9
100.0	38.3	22.0	20.1	16.3	23.8	36.3	14.3	20.8
155.0	35.5	28.1	18.8	7.4	20.0	33.5	5.4	17.0
200.0	33.8	32.4	18.0	1.4	17.7	31.8	0	14.7
240.0	32.6	36.0	17.4	N/A	16.2	30.6	N/A	13.2
300.0	31.2	41.0	16.8	N/A	14.2	29.2	N/A	11.2
350.0	30.1	44.9	16.3	N/A	12.9	28.1	N/A	9.9

PART NO.	DESCRIPTION	COLOR	FLAME TEST
40028	CAT5E STP Cable 350 Mhz Outdoor PE Single Jacket, 305 Meters/Box	Black	IEC 332-1