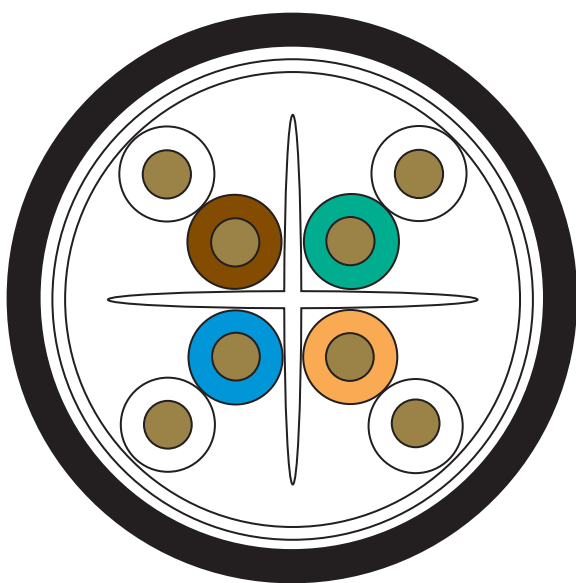


# F-UTP cable 4x2xAWG23

## Cat6 PE black

Item no.: LVN122313



### PRODUCT OVERVIEW

Used in structured cabling systems outdoor. Typically used as intermediate cabling between buildings as well as outdoor surveillance. Suitable for Direct Burial. This type of cable features an overall foil shield wrapped around unshielded twisted pairs and a drain wire. When the drain wire is correctly connected, unwanted noise is redirected to ground, offering extra protection against EMI/RFI.

### SPECIFICATIONS

<b>Category</b>	6 F/UTP
<b>Transmission speed</b>	1Gbps
<b>Frequency</b>	250 Mhz
<b>Impedance</b>	100 +/- 15 Ohm
<b>NVP value</b>	69%
<b>Number of pairs</b>	4
<b>Conductor</b>	AWG23 solid copper
<b>Conductor insulation</b>	PE
<b>Jacket material</b>	PE
<b>Cable color</b>	Black

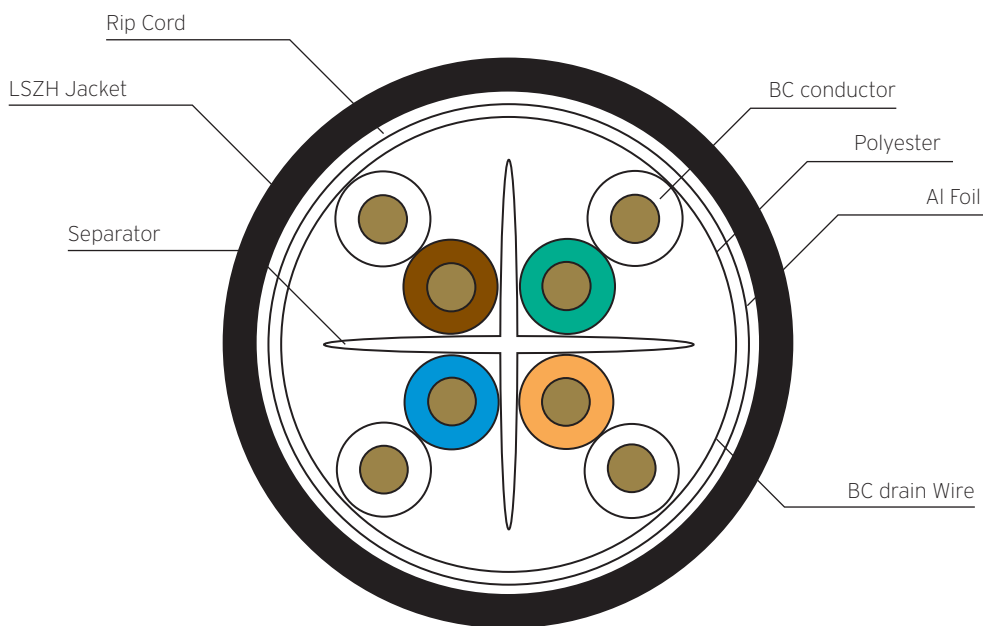
<b>Standards</b>	EIA/TIA 568B, ISO/IEC11801, EN 50173-2
<b>Meter marked</b>	Yes
<b>Packing</b>	500 m reel



## SPECIFICATIONS

<b>Category</b>	F/UTP CAT6-4P-LSZH		
<b>Test Standard</b>	SO/IEC11801, TIA- 568-C.2, YD/T 1019		
<b>Conductor</b>	Material	SOLID-BARE Copper	
	Nom. O.D. (mm)	0.57	Up +0.005 Down -0.005
<b>Insulation</b>	Material	HDPE	
	Diameter	1.09±0.03mm	
<b>Screening Material</b>	Aluminum Foil		
<b>Color</b>	A. Blue, White-Blue	B. Orange, White-Orange	
	C. Green, White-Green	D. Brown, White-Brown	
<b>Rip-cord</b>	Yes	Drainwire	Yes
	Thickness	0.60±0.05 mm	
<b>Sheath</b>	External O.D	7.4±0.4mm	
	Surface	Clean, Frap, Sations	
	Material	CM/LSZH(complies RoHS)	
	Color	White	
<b>Surface Printing</b>	Letter height	3.0±0.3mm	
	Color	Black	
	Print error & space	≤±0.5% 1m	
<b>Packing</b>	Wooden Tray & Carton		
<b>Carton dimension</b>	According to the requirements		
<b>Packaging length</b>	500 m		
<b>Sheath Physical Properties</b>	Before Aging	Tersile Strength (Mpa)	≥10
		Elongation(%)	≥125
	Aging Period (°C X hrs)	100°C X 24h X 7d	
	After Aging	Tensile Strength (Mpa)	≥8.0
		Elongation(%)	≥100
Cold Bend (-20°C ± 2°C x 4h)	No visible cracks		
<b>Electrical Characheristics (20°C)</b>	1.0-100.0 MHz, Characteristic impeacance (Ω)	100 ±15	
	1.0-100.0 MHz, Delay Shew 20°C (ns/100m)	≥45	
	DC Resistance 20°C (Ω/100m) max	9.38	
	DC Conductor Resistance Unbalance (%)	max 5.0	

## F-UTP cable 4x2xAWG23 Cat6 LSZH white



**TECHNICAL PERFORMANCE (100M) (20°C)**

	RL	ATT	NEXT	DELAY	PSNEXT	ELFEXT	PSELFEXT
(MHz)	≥dB	≤dB	≥dB	≤ns	≥dB	≥dB	≥dB
<b>1</b>	20.0	2.03	74.3	570.00	72.3	67.8	64.8
<b>4.0</b>	23.0	3.78	65.3	552.00	63.3	55.8	52.8
<b>8.0</b>	24.5	5.32	60.8	546.73	58.8	49.7	46.7
<b>10.0</b>	25.0	5.95	59.3	545.38	57.3	47.8	44.8
<b>16.0</b>	25.0	7.55	56.2	543.00	54.2	43.7	40.7
<b>20.0</b>	25.0	8.47	54.8	542.05	52.8	41.8	38.8
<b>25.0</b>	24.3	9.51	53.3	541.20	41.3	39.8	36.8
<b>31.25</b>	23.6	10.67	51.9	540.44	49.9	37.9	34.9
<b>62.5</b>	21.5	15.38	47.7	538.55	45.4	31.9	28.9
<b>100</b>	20.1	19.80	44.3	537.60	42.3	27.8	24.8
<b>200</b>	18.0	28.98	39.8	536.54	37.8	21.8	18.8
<b>250</b>	17.3	32.85	38.3	536.27	36.3	19.8	16.8

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