

Category 6

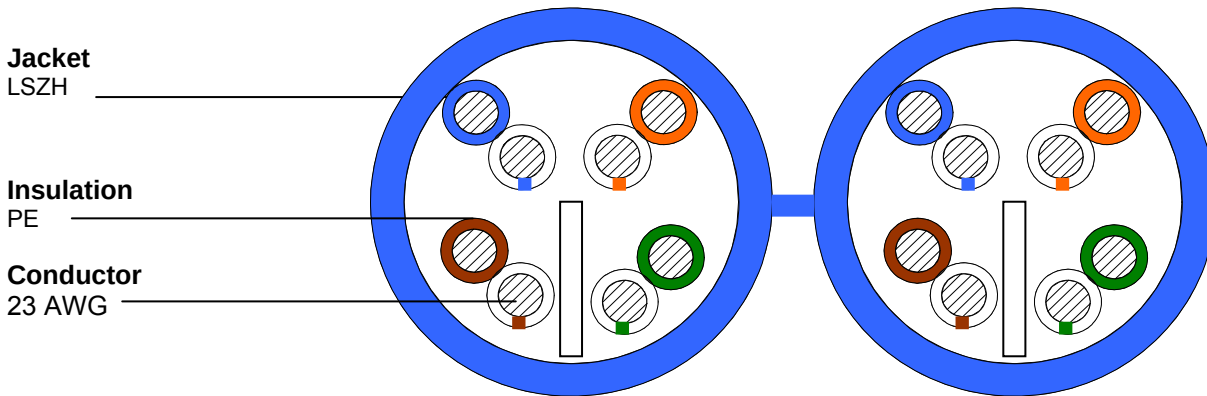
Part Number: 65N4X2ZH

Dual 4 Twisted Pair Cable

ANSI/TIA 568 C-2

IEC 332-3 LSZH

Dual 4 Twisted Pair Cable



Pair Identification

Pair 1	Blue/White w/Co-extruded Blue Stripe on White Single
Pair 2	Orange/White w/Co-extruded Orange Stripe on White Single
Pair 3	Green/White w/Co-extruded Green Stripe on White Single
Pair 4	Brown/White w/Co-extruded Brown Stripe on White Single

Mechanical Specification

Nominal Jacket OD	0.466 x 0.218
Nominal Jacket Thickness	0.020"
Jacket Minimum Spot Thickness	0.016"
Webb Thickness	0.015"
Installation Temperature	0°C to 60°C
Operation Temperature	-20°C to 60°C
Acid Gas Test Method	IEC 60754-2
Flame Test Method	IEC 60332-3-22
Smoke Test Method	IEC 61034-2

Available Packaging: Reel

Available Colors: Blue



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Electrical Performance

Freq.	IL	NEXT	ACR	PSNEXT	PSACR	ACRF	PSACRF	RL	TCL	ELTCTL
MHz	Std	Std	Std	Std	Std	Std	Std	Std	Std	Std
1	2.0	74.3	72.3	72.3	70.3	67.8	64.8	20.0	40.0	35.0
4	3.8	65.3	61.5	63.3	59.5	55.8	52.8	23.0	40.0	23.0
8	5.3	60.8	55.4	58.8	53.4	49.7	46.7	24.5	40.0	16.9
10	6.0	59.3	53.3	57.3	51.3	47.8	44.8	25.0	40.0	15.0
16	7.6	56.2	48.7	54.2	46.7	43.7	40.7	25.0	38.0	10.9
20	8.5	54.8	46.3	52.8	44.3	41.8	38.8	25.0	37.0	9.0
25	9.5	53.3	43.8	51.3	41.8	39.8	36.8	24.3	36.0	7.0
31.25	10.7	51.9	41.2	49.9	39.2	37.9	34.9	23.6	35.1	
62.5	15.4	47.4	32.0	45.4	30.0	31.9	28.9	21.5	32.0	
100	19.8	44.3	24.5	42.3	22.5	27.8	24.8	20.1	30.0	
155	25.2	41.4	16.3	39.4	14.3	24.0	21.0	18.8	28.1	
200	29.0	39.8	10.8	37.8	8.8	21.8	18.8	18.0	27.0	
250	32.8	38.3	5.5	36.3	3.5	19.8	16.8	17.3	26.0	

(All tests include swept frequency measurements)

Characteristic Impedance	100 ohms $\pm$ 15%
Capacitance	4.6 nF/100m nominal
DC Resistance/Unbalance	6.66 ohms/100m Max/2.5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Propagation Delay	4.59nSec/m Max @ 10MHz
Propagation Delay Skew	$\leq$ 45ns/100m
Nom. Velocity of Propagation, NVP	68%



Drawings not to Scale
Specifications subject to change
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