

General Communications Cable
HONEYWELL Zero Halogen 4 Pair LSZH Cat 6 Part No. 5115

Description:

4 pair Category 6 unshielded twisted pair (UTP) cable, communication (CM) rated by UL (or ETL). AWG #23 solid bare copper conductors, polypropylene insulation, FR polyolefin spacer, RoHS compliant Low Smoke Zero Halogen Polyolefin jacket with ripcord under jacket and sequential footage markings. UL (or ETL) Verified to TIA-568 (Latest Revision) requirements.

Physical Information:

UL Rating:	CM	<u>Conductor Color Code</u>	<u>Pair</u>
Insulation Type:	Polyethylene	Blue & White/Blue	1
Jacket Type	LSZH polyolefin	Orange & White/Orange	2
Jacket Diameter:	0.240"	Green & White/Green	3
Voltage Rating :	300V	Brown & White/Brown	4
Temperature:	-20°C to 75°C		
Rip Cord (Y/N):	Yes		

Print Legend*:

HONEYWELL P/N 5115 4PR23 LSZH CAT 6 EEEEE (AAA) CL2 OR CM C(AAA)US SUN RES 75C (RoHS) BBB VERIFIED TO TIA- 568-(NNN) CAT 6 ISO/IEC 11801 (EC) VERIFIED XXXXXXXX YYYY FT RM# A B C D E F 1 2 3 4 5 6 7 8 9

- EEEEEE – UL or ETL listing #
- AAA – UL or ETL
- BBB – Verification UL or ETL
- NNN – Most Recent Revision of TIA/EIA – 568 Standard (I.e. 568-C.2)
- XXXXXXX – Tracking #
- YYYY – Countdown Footage Marking Number

Electrical Characteristics:

<i>Attribute</i>	<i>Nominal Value</i>	<i>Maximum Value</i>
DC Resistance	7.6 ohms/100m	9.38 ohms/100m
Resistance Unbalance	1.5%	5%
Capacitance	4.9 nF/100m	5.6 nF/100m
Capacitance Unbalance	50 pF/100m	330 pF/100m
Velocity of Propagation	69%	NA
Propagation Delay	535 ns/100m	570 ns/100m
Delay Skew	20 ns/100m	45 ns/100m

Frequency (MHz)	Max Attenuation (dB/100m)	Min NEXT (dB)	Min PSNEXT (dB)	Min PSACR (dB/100m)	Impedance (ohms)	Min PSELFEXT (dB)	RL (dB)
0.772	1.8	76	74	72	NA	67	NA
1	2.0	74	72	70	100 +/- 15	65	20
4	3.8	65	63	59	100 +/- 15	53	23
8	5.3	61	59	53	100 +/- 15	47	25
10	6.0	59	57	51	100 +/- 15	45	25
16	7.6	56	54	47	100 +/- 15	41	25
20	8.5	55	53	44	100 +/- 15	39	25
25	9.5	53	51	42	100 +/- 15	37	24
31.25	10.7	52	50	39	100 +/- 15	35	24
62.5	15.4	47	45	30	100 +/- 15	29	22
100	19.8	44	42	23	100 +/- 15	25	20
155	25.2	41	39	14	100 +/- 15	21	19
200	29.0	40	38	8.8	100 +/- 15	19	18
250	32.8	38	36	3.5	100 +/- 15	17	17
350	39.8	36	34	---	100 +/- 15	14	16
500	48.9	34	32	---	100 +/- 15	11	15

The above information is the property of Honeywell and is subject to change without notice. Values above 400 MHz are for information only.