



- Conductor: 23 AWG, solid copper wires
- Standard:



ISO/IEC 11801, ANSI/TIA- 568-C.2, IEC 61156-5, EN 50575:2014, EN 60332-1-2:2004, EN 13601-6:2004, UL444 & C22.2 No.214

- Application :

Data communications, Local area networks,
Building signaling systems

- ISO9001Certified Manufacturing Plant

Length: 305M / 1000ft

Standard

Standard	ISO/IEC 11801, ANSI/TIA- 568-C2, UL444, ISO9001Certified Manufacturing Plant
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General

Operating Temperature Range	-20°C~ 75°C
Maximum pulling Tension	70N
Minimum bending Radius	4D mm
Nominal Mutual Capacitance@ 1KHz	5.1 nF / 100m
Maximum Capacitance Unbalance	330 pF / 100m

Update Date: January 12, 2022

Specification subject to change without notice

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Maximum Delay @1Hz	570 ns / 100m
Maximum Delay Skew	45 ns / 100m
Maximum Conductor DC Resistance @20°C	9.38 Ω / 100m
Maximum DCR Unbalance @20°C	5%
Maximum Operating Voltage (VRMS)	≤ 80V
Characteristics Impedance	100 Ω

Electric Performance

Frequency (MHz)	Attenuation (dB/100m)	Next (dB)	Return Loss (dB)	ACR (dB)	Power Sum Next (dB)	Power Sum ELFEXT (dB)	Power Sum ACR(dB)
1	20	---	78	570	75	78	75
4	23	3.74	78	552	75	78	75
8	24.5	5.24	78	546.7	75	75.9	72.9
10	25	5.86	78	545.4	75	74	71
16	25	7.41	78	543	75	69.9	66.9
20	25	8.29	78	542	75	68	65
25	24.3	9.29	78	541.2	75	66	63
31.25	23.6	10.41	78	540.4	75	64.1	61.1
62.5	21.5	14.88	75.5	538.9	72.5	58.1	55.1
100	20.1	19.02	72.4	537.6	69.4	54	51
150	18.9	23.56	69.8	536.9	66.8	50.2	47.2
200	18	27.47	67.9	536.5	64.9	48	45
250	17.3	30.97	66.4	536.3	63.4	46	43

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300	17.3	34.19	65.2	536.1	62.2	44.5	41.5
600	17.3	50.1	60.7	535.5	57.7	38.4	35.4
