



- Conductor: 24 AWG, solid copper wires
- Outer Jacket Polyvinyl Chloride
- Standard:



ISO/IEC 11801, ANSI/TIA- 568-C2, UL444,
LSZH is available , Armour version available

- Application:

Data communications, Local area networks,
Building signaling systems

- ISO9001Certified Manufacturing Plant

Length: 100 Yards

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

Update Date: May 19, 2022

Specification subject to change without notice

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Maximum Capacitance Unbalance 330 pF / 100m

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	2	65.3	20	63.3	63.3	63.8	61.3
4	4.1	56.3	23	52.2	54.3	51.8	50.2
8	5.8	51.8	24.5	46	49.8	45.7	44
10	6.5	50.3	25	43.8	48.3	43.8	41.8
16	8.3	47.2	25	39	45.2	39.7	37
20	9.3	45.8	25	36.5	43.8	37.8	34.5
25	10.4	44.3	24.3	33.9	42.3	35.8	31.9
31.3	11.7	42.9	23.6	31.2	40.9	33.9	29.2
62.5	17	38.4	21.5	21.4	36.4	27.9	19.4
100	22	35.3	20.1	13.3	33.3	23.8	11.3

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