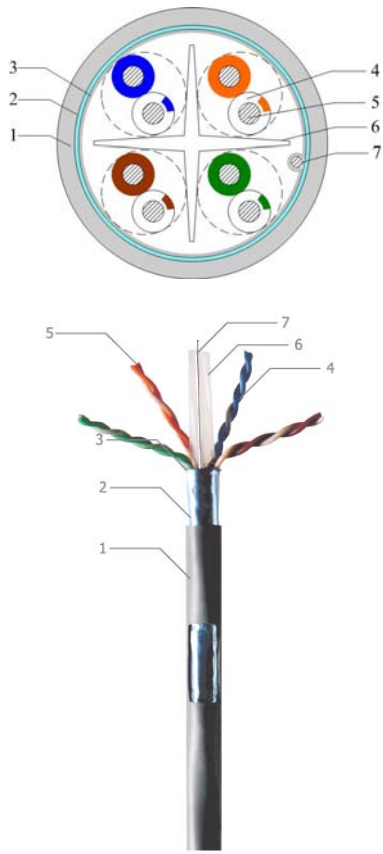


Description	Application
<ul style="list-style-type: none"> <li>● Rated temperature: 75°C</li> <li>● Reference standard: UL 444 , IEC 61156-5 &amp; TIA-568-C.2, ISO/IEC 11801</li> <li>● Product standard certification: UL</li> <li>● Flame test: CMR</li> <li>● Solid bare copper conductor</li> <li>● Colour-coded PE insulation</li> <li>● PVC jacket</li> <li>● Packaging: Per customer request</li> </ul>	<ul style="list-style-type: none"> <li>● 100Base-T4</li> <li>● 100Base-TX</li> <li>● 100VG-AnyLAN</li> <li>● 1000Base-T</li> <li>● 1000Base-TX</li> <li>● 155Mbps ATM</li> <li>● 622Mbps ATM</li> <li>● 10 Gb Ethernet</li> <li>● POE++ (UL LP 0.5A)</li> </ul>

Product figure	Physical characteristics																																																																																										
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\* Custom configuration is available upon request.

\* Customer P/N:


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**Marking**

T . B . D

**Electrical characteristics**

Frequency	Characteristic Impedance Upper limit	Characteristic Impedance Lower limit	ATT	RL	NEXT	PS NEXT	ELFEXT	PS ELFEXT	PS ANEXT	PS AACRF	PD
(MHz)	Zu (Ω)	Zl (Ω)	(dB/100m)	(dB Min)	(dB Min)	(dB Min)	(dB Min)	(dB Min)	(dB Min)	(dB Min)	(ns/100m Max)
1	---	---	2.1	20.0	74.3	72.3	67.8	64.8	67.0	67.0	570.0
4	115.2	86.8	3.8	23.0	65.3	63.3	55.8	52.8	67.0	66.2	552.0
8	112.6	88.8	5.3	24.5	60.8	58.8	49.7	46.7	67.0	60.1	546.7
10	111.9	89.4	5.9	25.0	59.3	57.3	47.8	44.8	67.0	58.2	545.4
16	111.9	89.4	7.5	25.0	56.2	54.2	43.7	40.7	67.0	54.1	543.0
20	111.9	89.4	8.4	25.0	54.8	52.8	41.8	38.8	67.0	52.2	542.0
25	113.0	88.5	9.4	24.3	53.3	51.3	39.8	36.8	67.0	50.2	541.2
31.25	114.1	87.6	10.5	23.6	51.9	49.9	37.9	34.9	67.0	48.3	540.4
62.5	118.4	84.5	15.0	21.5	47.4	45.4	31.9	28.9	65.6	42.3	538.6
100	121.9	82.0	19.1	20.1	44.3	42.3	27.8	24.8	62.5	38.2	537.6
200	128.8	77.6	27.6	18.0	39.8	37.8	21.8	18.8	58.0	32.2	536.5
250	131.6	76.0	31.1	17.3	38.3	36.3	19.8	16.8	56.5	30.2	536.3
300	133.8	74.7	34.3	16.8	37.1	35.1	18.3	15.3	55.3	28.7	536.1
400	138.2	72.4	40.1	15.9	35.3	33.3	15.8	12.8	53.5	26.2	535.8
500	142.1	70.4	45.3	15.2	33.8	31.8	13.8	10.8	52.0	24.2	535.6

\* Cable that meet the requirements of the characteristic impedance are not required to be measured for return loss; alternately cables that meet the return loss requirements are not required to be measured for characteristic impedance.

 Revision history:  
 REV.0 2019.01.20

 Prepared by: Micheas Shao  
 Approved by: Yang Ji  
 Date: 2019.01.20

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