

Specification for CAT6 28Awg UTP-4 Stranded LSZH Lan Cable Bulk Wires**Spec. No. S1020906 Version: A Date: September 06, 2014****ANSI/TIA-568-C.2:Patch Cable (Stranded Conductor)****1.Conductor: Material / Size Bare copper / 28AWG****2.Insulation :** HDPE(CMI-75E)

Min. Avg. Thickness: 0.178mm;

Min. Thickness: 0.153 mm

3.Color Code:

Pair 1: Blue & White/Blue;

Pair 2: Orange & White/Orange

Pair 3: Green & White/Green;

Pair 4: Brown & White/Brown

4.Jacket: LSZH (low-smoke & non-halogen) compound

Min. Avg. Thickness: 0.585 mm;

Min. Thickness: 0.458 mm

Approximate O.D.: 3.8 mm +/- 0.3mm

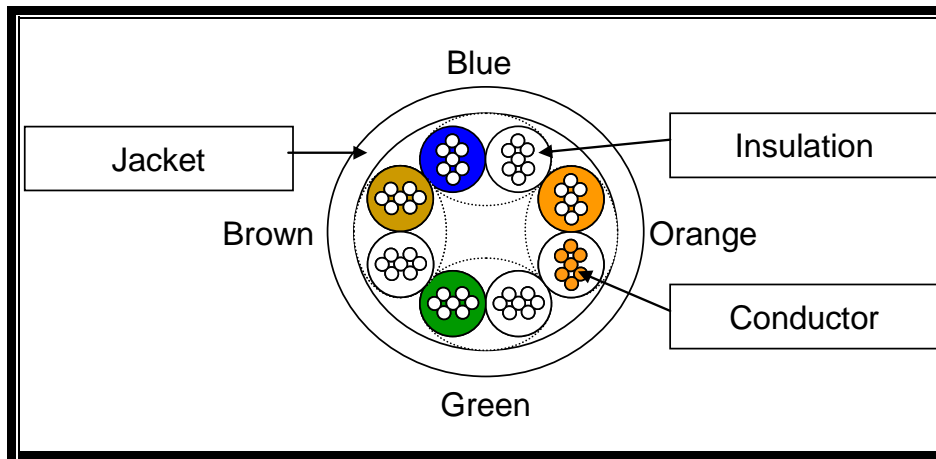
5.Electric Requirements: (Cable length: 100M)Characteristic Impedance(Z_0): 85 ~ 115 Ω (1 ~ 250 MHz)

DC. Resistance Capacitance Unbalance: 5%

Conductor Resistance: 22.3 Ω / 100M 20 $^{\circ}$ C Max

Spark Test: 2.5KV

6.PRINTING IN BLUE INK :**4PR 28AWG PATCH CABLE CAT.6 LSZH PT pactech BATCH NO.****ROHS Compliant**

Cat.6 UTP Stranded LSZH Lan Cable


Frequency MHz	Att. Stranded	Pr-Pr NEXT	PS NEXT	Return Loss	Pr-Pr ELFEXT	PS ELFEXT
*1	5.0	74.3	72.3	20.0	67.8	64.8
*10	11.1	59.3	57.3	25.0	47.8	44.8
*20	15.2	54.8	52.8	25.0	41.8	38.8
*31.25	20.8	51.9	49.9	23.3	37.9	34.9
*62.5	28.5	47.4	45.4	20.7	31.9	28.9
*100	38.8	44.3	42.3	19.0	27.8	24.8
*200	43.8	39.8	37.8	16.4	21.8	18.8
*250	55.4	38.3	36.3	15.6	19.8	16.8

The asterisked (*) *Values show on tables above are for reference purpose only.

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