

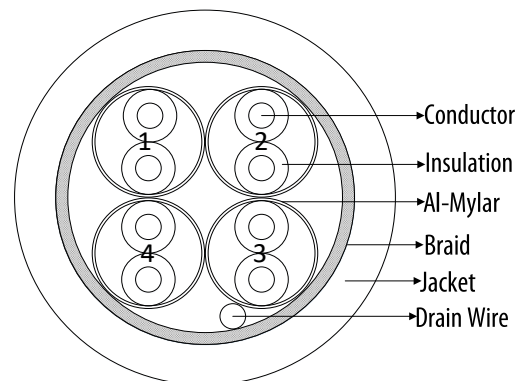
4P×26AWG S/FTP CAT6 Patch Cable



PRODUCT DATA SHEET

Individual and collective screened supported excellent EMC performance.
The cable is used for data transmission with characteristic impedance of 100 Ohm. It is compliant with UL AWM 20276.

Design Number 10213
Part Number 32129792
Customer Number N/A



Color Code: 1. White/blue, Blue 2. White/orange, Orange
3. White/green, Green 4. White/brown, Brown

CONSTRUCTION

Conductor: Stranded bare copper
Conductor Size: 26AWG(7/0.16mm)
Insulation: Foamed PE
Insulation Diameter: 0.99mm(Nom.)
Individual Screen: Al-Mylar
Braid: 16/5/0.12mm Tinned Copper, coverage 65%
Drain Wire: 26AWG, Tinned Copper
Jacket Material: PVC, (-40°C to 105°C)
Jacket Avg. Thickness: 0.70mm(Nom.)
Overall Diameter: 6.50±0.20mm
Jacket Color: Black

Print Legend:

ASCENT E477982 CK AWM STYLE 20276 80°C 30V VW-1
4P×26AWG S/FTP CAT6

PHYSICAL CHARACTERISTICS

Operating Temperature (°C): -40°C to +80°C
Flame Test: UL VW-1
Min Bending Radius: 4x OD (fixed); 8xOD(Flexing)
Reference Standard: TIA-568.2-D
ISO/IEC 11801
Jacket: Oil and Chemical Resistant

SAFETY CHARACTERISTICS

Approvals: UL 758, UL 1581 and AWM UL 20276
RoHS EU Directive 2011/65/EU (1&2&3)

ELECTRICAL CHARACTERISTICS

Conductor Resistance@20°C: 145 Ω/km Max
Resistance Unbalance@20°C: 5% Max
Insulation Resistance@20°C: 5000 MΩ.m Min
Characteristic Impedance: 100±15 Ohm
Mutual Capacitance (Max.): 5.6 nF/100m@1kHz
Capacitance Unbalance to Ground: 160 pF/100m Max
Delay Skew: 45 ns/100m
Velocity Propagation: 70%

Transmission Performance

Freq. MHz	ATT	RL	NEXT	PSNEXT	ELFEXT	PSELFEXT
	Max. dB/100m	Min. dB	Min. dB	Min. dB	Min. dB	Min. dB
4	5.8	23.0	65.3	63.3	55.8	52.8
8	8.1	24.5	60.8	58.8	49.7	46.7
10	9.0	25.0	59.3	57.3	47.8	44.8
16	11.4	25.0	56.2	54.2	43.7	40.7
20	12.8	25.0	54.8	52.8	41.8	38.8
25	14.4	24.2	53.3	51.3	39.8	36.8
31.25	16.1	23.3	51.9	49.9	37.9	34.9
62.5	23.3	20.7	47.4	45.4	31.9	28.9
100	29.9	19.0	44.3	42.3	27.8	24.8
200	43.8	16.4	39.8	37.8	21.8	18.8
250	49.7	15.6	38.3	36.3	19.8	16.8

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Revision History		
00	2020/03/18	Initial release
Created L. Jian	Approved A. Huang	

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