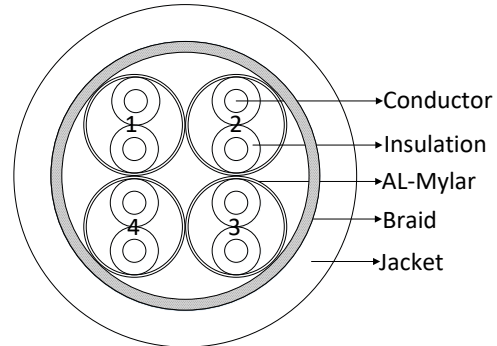


# 4Px26AWG CAT7 S/FTP Industrial Ethernet Cable



PRODUCT DATA SHEET

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



**Design Number** 10025  
**Part Number** 32130521  
**Customer Number** N/A

**Color Code**  
 1. White, Blue      2. White, Orange  
 3. White, Green    4. White, Brown

## CONSTRUCTION

**Conductor** Stranded Bare Copper  
**Conductor Size** 26AWG(7/0.16mm)  
**Insulation** Foamed PE  
**Insulation Diameter** 1.0mm(Nom.)  
**Individual Screen** AL-Mylar  
**Braid** Tinned Copper, coverage ≥65%  
**Jacket Material** PVC  
**Avg. Thickness** 0.85mm(Nom.)  
**Overall Diameter** 6.80mm(Nom.)  
**Jacket Color** Gray

**Print Legend** ASCENT 32130521 4Px26AWG  
 CAT7 S/FTP xxxxxm

**Approvals** RoHS

## PHYSICAL CHARACTERISTICS

**Operating Temperature** -40°C to +80°C  
**Flame Test** IEC 60332-1  
**Min Bending Radius** 4xOD(fixed)  
 8xOD(flexing)

## ELECTRICAL CHARACTERISTICS

**Conductor Resistance@20°C** 148 Ω/km Max  
**Resistance Unbalance@20°C** 5% Max  
**Insulation Resistance@20°C** 5000 MΩ.km Min  
**Dielectric Test** DC 1 kV/1min  
**Transmission Performance** IEC 61156-6-CAT 7  
**Characteristic Impedance** 100±15 Ohm

Freq. MHz	ATT Max. dB/100m	RL Min. dB	NEXT Min. dB	PSNEXT Min. dB	ELFEXT Min. dB	PSELFEXT Min. dB
4	5.6	23.0	78.0	75.0	78.0	75.0
8	7.9	24.5	78.0	75.0	75.9	72.9
10	8.8	25.0	78.0	75.0	74.0	71.0
16	11.1	25.0	78.0	75.0	69.9	66.9
20	12.4	25.0	78.0	75.0	68.0	65.0
25	13.9	24.2	78.0	75.0	66.0	63.0
31.25	15.6	23.3	78.0	75.0	64.1	61.1
62.5	22.3	20.7	75.5	72.5	58.1	55.1
100	28.5	19.0	72.4	69.4	54.0	51.0
200	41.2	16.4	67.9	64.9	48.0	45.0
250	46.5	15.6	66.4	63.4	46.0	43.0
300	51.3	15.6	65.2	62.2	44.5	41.5
500	67.9	15.6	61.9	58.9	40.0	37.0
600	75.1	15.6	60.7	57.7	38.4	35.5

Date	Version	Description	Created By	Approved By
04/12/2019	00	Initial Release	L.JIAN	A.HUANG
03/23/2020	01	Remove the UL information, update jacket color	L.JIAN	A.HUANG
03/31/2020	02	Update jacket color to gray and add part number	L.JIAN	A.HUANG

