

The APS logo is displayed in white text on a dark blue rectangular background.

FLEXPUR7 Heavy Duty Cat.7 S/FTP 4 pairs AWG26/7 PUR

Category 7, S/FTP, 4 pairs, PUR, FLEXPUR7.

DCC267SFTP4PUB, Rev.00, Date 2026-06-08



Standards of reference

EN 50288-4-2 ; EN 50173 ; ISO/IEC 11801 2. Ausgabe ; IEC 61156-6

Applications

Ethernet 10Base-T ; Fast Ethernet 100Base-T ; Gigabit Ethernet 1000Base-T ; 10GBase-T

IEEE 802.5 : ISDN ; FDDI ; ATM

IEEE 802.3at : PoE

Installation Features

Store at -0 to +50 °C

Install at -0 to +50 °C / **Bend minimum during installation:** 10 x outer diameter

Operate at : -25 to +70 °C / **Bend minimum during operation:** 5 x outer diameter

Design

Conductor: stranded tinned copper AWG26/7

Insulation: SFS PE 1.03 ± 0.05 mm

Color code: IEC 708-1

Pair: 2 insulated conductors stranded together

Individual screen: Alu/PE foil

Overall screen: tinned copper wire braid

Outer jacket: black HF PUR

Marking: APS – ww/yy – FLEXPUR7 S/FTP 4PR AWG26/7 PUR FHF – 100 Ohm 1000 MHz – ISO/IEC 11801 IEC 61156-6 – lot no – meter

Colour code

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

Environmental properties and Fire Performances

Halogen acid gas : IEC 60754-2

Flame retardant : IEC 60332-1-2, UL AWM Style 2023

Chemical resistance: IEC 60811-2-1 (IRM 902, 4h bei 70°C; IRM 902, 7dh bei 90°C; IRM 902, 21d bei 90°C. Total EDC 95-11, 1680h bei 70 °C)

RoHS : 2011/65/EU

REACH : 1907/2006

Electrical characteristics

Loop resistance: max. 280 Ohm / km

Insulation resistance: min. 5 GOhm x km at +20°C

Operating capacity: nom. 45 nF / km

Char. Impedance at 100MHz: 100 Ohm ± 5 Ohm

Test voltage: 700V / AC

Velocity of propagation: 74%

Signal Term: max. 425 ns/100m

Running time difference: < 10 ns/100m

Coupling attenuation: > 80 dB, Type 1B

Transfer impedance: < 10 mOhm/m att 10MHz, Grade 1

Frequency (MHz) :	1	4	10	16	20	31.25	62.5	100	200	300	400	500	600	800	900	1000
Attenuation (dB/100m)	0.28	0.55	0.85	1.05	1.20	1.50	2.10	2.70	3.85	4.70	5.10	5.70	6.75	7.90	8.60	9.15
NEXT (dB)	95	95	95	95	92	90	88	86	84	82	80	78	75	73	72	70
ACR (dB/100m)	95.0	94.5	94.1	94.0	90.8	88.5	85.9	83.3	80.2	77.3	74.9	72.3	68.3	65.1	63.4	60.2
ELFEXT (dB/100m)	95	93	90	81	77	75	70	58	50	47	45	42	40	37	36	34
RL (dB)	23	27	30	30	30	30	30	28	26	24	23	22	21	19	18	17

Ordering and delivery information

Pair count	P/N	O.D [mm]	Weight [kg/km]	Sähkönumero	EAN	Retail packaging	Wholesale packaging
4 pairs	DCC267SFTP4PUB	6,3 ± 0,2 mm	38	0233132	6430081401092	500 m 40x40x32 cm 21 kg	6.000 m 120x80x120 cm 272 kg

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