



Applications:

This CAT7 S/FTP 4x2xAWG26 cable is designed up to 600MHz and is particularly suitable for home cabling with a maximum permanent link length of 60m due to its halogen-free outer sheath of 5.9mm diameter.

Construction:

- Conductor: solid copper conductor AWG26 1/0,40mm
- Core: Insulation FMPE
- Shield: Pair shielding made of plastic-laminated aluminium foil, AL-PET
CU braided shield tin-plated, 35% coverage
- Outer Sheath: LSZH white
Outer diameter 5,9mm +/-0,2

Reaction to fire: CPR-Dca-s1,d0,a1

Technical Specifications:

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	PSNEXT (dB)	ReturnLoss (dB)
4,0	5,6	78,0	75,0	23,0
10,0	8,9	78,0	75,0	25,0
16,0	11,3	78,0	75,0	25,0
31,3	15,6	78,0	75,0	23,6
62,5	22,4	75,5	72,5	21,5
100,0	28,6	72,4	69,4	20,1
250,0	46,5	66,5	63,5	17,3
300,0	51,3	65,3	62,3	15,6
400,0	60,0	63,4	60,4	15,6
500,0	67,9	61,9	58,9	15,6
600,0	75,1	60,7	57,7	15,6

Frequency (MHz)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)	Loop resistance	Operating temperature	NVP	normative References	Impedance(Ω)
4,0	78,0	75,0	<142,2 Ohm/km	+60°C	72%	ISO/IEC 11801: 2011 IEC61156-5:2009; IEC60332-1	1-100MHz 100±15 100-250MHz 100±20 250-600MHz 100±25
10,0	74,0	71,0					
16,0	69,9	66,9					
31,3	64,1	61,1					
62,5	58,1	55,1					
100,0	54,0	51,0					
250,0	46,0	43,0					
300,0	44,5	41,5					
400,0	42,0	39,0					
500,0	40,0	37,0					
600,0	38,4	35,4					



Special Features

Characteristics

halogen free
CPR-Dca

Coat Color

white

Version	Presentation	Outer Ømm	Article number
e-fairline Home S/FTP 4x2xAWG26/1 LSZH Cat.7	305m Box	5,90	11370016-305