

C7AS/F10H

Data Cable - Category 7a - S/FTP - 1000 MHz

- Category - 7 „augmented“ acc. to draft DIN IEC 61156-5:2008
- S/FTP (overall braid shield + foil shielded twisted pairs)
- 4 x 2 x 0.57mm (AWG23/1) - 100 Ohm



Conductor	solid bare copper wire, Ø 0,57 mm (AWG23/1)	Leiter	blanker Cu-Massivleiter, Ø 0,57 mm (AWG23/1)
Core Insulation	Foam-Skin-PE, colour code according to IEC708	Aderisolation	Foam-Skin-PE, Farbkode nach IEC708
Core Stranding	2 cores twisted to a pair	Paarverseilung	2 Adern zum Paar
Pair Shielding	AL/PETP foil	Paarschirm	AL/PETP-Folie
Twisting	4 pairs twisted	Verseilung	4 Paare zur Seele
Overall Shield	tinned copper braid	Gesamtschirm	verzinntes Cu-Geflecht
Overall Diameter	7,6 mm	Außendurchmesser	7,6 mm

Conductor Resistance	73 Ω/km	Leiterwiderstand	73 Ω/km
Insulation Resistance	5 GΩ x km	Isolationswiderstand	5 GΩ x km
Capacitance	45 nF/km	Betriebskapazität	45 nF/km
Characteristic Impedance	100 Ω ± 15 %	Wellenwiderstand	100 Ω ± 15 %
Screening Attenuation	> 60 dB	Schirmdämpfung	> 60 dB
Signal Speed	0,78 c	Signalgeschwindigkeit	0,78 c

Frequency [MHz] Frequenz [MHz]	Attenuation Dämpfung		Next [dB]		ACR [dB/100m]		EL-FEXT [dB]		RL [dB]	
	NOM	MAX CAT7	NOM	MIN CAT7	NOM	MIN CAT7	NOM	MIN CAT7	NOM	MIN CAT7
1	1,7	2,0	98	80	96,3	78	95	80	23	-
4	3,2	3,6	98	80	94,8	78	93	80	25	23,1
10	5,2	5,7	98	80	92,8	74	92	74	28	25,0
16	6,5	7,2	98	80	91,5	73	91	70	28	25,0
20	8,1	7,3	98	80	90,7	72	90	68	28	25,0
100	17,0	18,5	92	72	75,0	54	77	54	28	20,1
155	21,3	23,4	88	69,6	66,7	46	73	50	26	18,8
200	24,3	26,8	85	68	60,7	41	70	48	25	17,3
300	30,0	33,3	80	65,3	50,0	32	67	44	23	17,3
600	43,4	48,9	75	61	31,6	12	60	38	20	17,3
900	56,0	-	69	-	13,0	-	55	-	19	-
1000	58,0	-	67	-	9,0	-	50	-	18	-

orange

Order Code Bestell-Nr.	Outer Ø Außen Ø	Outer Jacket Außenmantel	Colour Farbe	Standard / Length [m] Standard / Längen [m]	Max. Length / Reel Max. Länge / Spule
C7AS/F10H	7,6 mm	FRNC	orange	100 / 500	1000 m

*lengths other than standard lengths supplied on request
*von Standardlängen abweichende Längen auf Anfrage