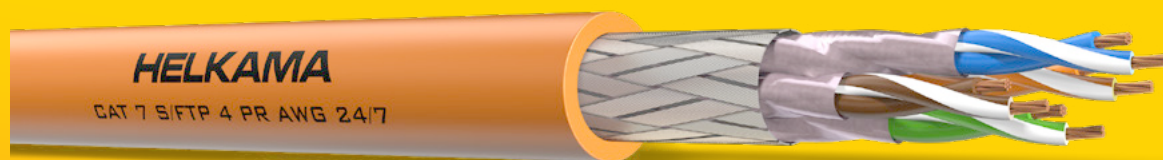


CAT 7

S/FTP 4PR AWG 24/7



CONDUCTOR	Stranded copper conductor 24 AWG/7
INSULATION	Foam PE
PAIR SHIELDING	Aluminium foil
SHIELDING	Tinned copper wire braid
SHEATH	LSZH
REFERENCE STANDARD	IEC 61156-6 & ISO/IEC 11801

PHYSICAL PROPERTIES:

BENDING RADIUS (Installation)	8 x Ø
MAX. RECOMMENDED PULLING TENSION	80 N
NOMINAL OUTER Ø	7.6 ± 0.3 mm
CABLE WEIGHT	61 kg/km
CORE IDENTIFICATION Pair colours	1. White/Blue stripe & Blue 2. White/Orange stripe & Orange 3. White/Green stripe & Green 4. White/Brown stripe & Brown
PACKAGING	500 m drum, 1000 m drum

MAIN CHARACTERISTICS:

FIRE PERFORMANCE	IEC 60332-1 IEC 60332-3-22
HALOGEN-FREE	IEC 60754 series
SMOKE EMISSION	IEC 61034 series
MAX. CONDUCTOR DC RESISTANCE	148 Ω/km @20 °C
CONDUCTOR LOOP RESISTANCE	max. 29 Ω/100 m @20 °C
NOM. MUTUAL CAPACITANCE	≤ 5.6 nF/100 m @1 kHz
CAPACITANCE UNBALANCE PAIR TO GROUND	≤ 1600 pF/km @1 kHz
MIN. INSULATION RESISTANCE	5000 MΩ/m
IMPEDANCE	100 ± 25 Ω @100 MHz
RATED TEMPERATURE	80 °C
OPERATING TEMPERATURE RANGE	-20 °C - 75 °C

Subject to change without prior notice. See latest update on our webpage.

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ITEM NUMBERS:

Part number	Cable type	Colour	Standard length m
3360124042	CAT 7 S/FTP AWG 24/7	Black	500 m
3360224042	CAT 7 S/FTP AWG 24/7	Yellow	500 m
3360324042	CAT 7 S/FTP AWG 24/7	Grey	500 m
3360424042	CAT 7 S/FTP AWG 24/7	White	500 m
3360524042	CAT 7 S/FTP AWG 24/7	Orange	500 m
3360624042	CAT 7 S/FTP AWG 24/7	Blue	500 m
3360724042	CAT 7 S/FTP AWG 24/7	Red	500 m
3360824042	CAT 7 S/FTP AWG 24/7	Green	500 m
3361124042	CAT 7 S/FTP AWG 24/7	Black	1000 m
3361224042	CAT 7 S/FTP AWG 24/7	Yellow	1000 m
3361324042	CAT 7 S/FTP AWG 24/7	Grey	1000 m
3361424042	CAT 7 S/FTP AWG 24/7	White	1000 m
3361524042	CAT 7 S/FTP AWG 24/7	Orange	1000 m
3361624042	CAT 7 S/FTP AWG 24/7	Blue	1000 m
3361724042	CAT 7 S/FTP AWG 24/7	Red	1000 m
3361824042	CAT 7 S/FTP AWG 24/7	Green	1000 m

PERFORMANCE:

F (MHz)	ATT (dB/100 m)	RL (dB)	NEXT (dB)	PS NEXT (dB)	ACRF (EL FEXT) (dB/100 m)	PS ACRF (PS EL FEXT) (dB/100 m)	PD (ns/100 m)
1.0	2.6	34	91	84	92	89	485
4.0	4.9	33	93	85	90	87	463
8.0	7.0	35	93	88	93	90	457
10.0	7.7	38	104	97	102	99	455
16.0	9.8	34	110	103	107	104	452
20.0	11.1	34	107	101	108	105	451
25.0	12.5	39	114	107	111	108	450
31.2	14.1	39	110	104	111	108	449
62.5	20.2	40	112	106	114	111	447
100.0	25.9	43	113	107	118	115	445
200.0	36.9	35	111	103	111	108	444
250.0	41.4	28	109	103	109	106	443
300.0	45.7	29	109	103	112	109	443
400.0	53.3	38	108	101	112	109	443
500.0	60.1	31	110	97	110	107	443
600.0	66.2	27	111	102	111	108	442

F = Frequency

ATT = Attenuation

RL = Return Loss

NEXT = Near End Crosstalk

PS NEXT = Power Sum Near End Crosstalk

ACRF (EL FEXT) = Attenuation to Crosstalk Ratio Far End Crosstalk

PS ACRF (PS EL FEXT) = Power Sum Attenuation to Crosstalk Ratio Far End Crosstalk

PD = Phase Delay