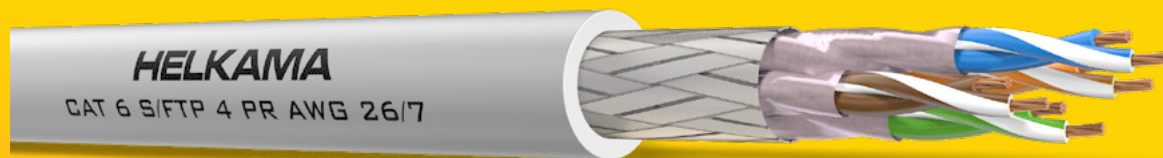


CAT 6

S/FTP 4 PR AWG 26/7



CONDUCTOR	Stranded copper conductor 26 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	6.1 ± 0.3 mm
CABLE WEIGHT	37 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

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	145 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	75 °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
3370149072	CAT 6 S/FTP AWG 26/7	Black	500 m
3370249072	CAT 6 S/FTP AWG 26/7	Yellow	500 m
3370349072	CAT 6 S/FTP AWG 26/7	Grey	500 m
3370449072	CAT 6 S/FTP AWG 26/7	White	500 m
3370549072	CAT 6 S/FTP AWG 26/7	Orange	500 m
3370649072	CAT 6 S/FTP AWG 26/7	Blue	500 m
3370749072	CAT 6 S/FTP AWG 26/7	Red	500 m
3370849072	CAT 6 S/FTP AWG 26/7	Green	500 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