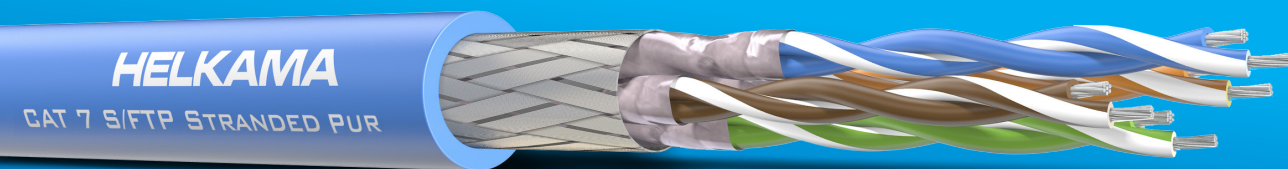


CAT 7 stranded

S/FTP 4PR AWG 26/7 PUR



CONDUCTOR	Stranded tinned copper conductor 26 AWG/7
INSULATION	Foam PE
CONDUCTOR IDENTIFICATION	1. White/Blue (Stripe) & Blue 2. White/Orange (Stripe) & Orange 3. White/Green (Stripe) & Green 4. White/Brown (Stripe) & Brown
PAIR SHIELDING	Aluminium foil
SHIELDING	Tinned copper wire braid
SHEATH	Polyurethane compound
REFERENCE STANDARD	IEC 61156-6

PHYSICAL PROPERTIES:

RATED TEMPERATURE	75 °C
OPERATING TEMPERATURE RANGE	-20 °C - 75 °C
BENDING RADIUS	Installation 8 x Ø
MAX. RECOMMENDED PULLING TENSION	80 N
NOMINAL OUTER Ø	6.4 ± 0.3 mm
CABLE WEIGHT	39.0 kg/km

ELECTRICAL PROPERTIES:

MAX. CONDUCTOR DC RESISTANCE	145 ohm/km @20 °C
CONDUCTOR LOOP RESISTANCE	max. 29 ohm/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 Mohm/m
IMPEDANCE	100 ± 25 ohm @100 MHz
FIRE PERFORMANCE	IEC 60332-1
IDENTIFICATION	Printed on the sheath: Manufacturer's name, Cable size and type, Fire performance, Lot number, Manufacturing date, Meter marking
PACKAGING	500 m drum, 1000 m drum

CAT 7 stranded

S/FTP 4PR AWG 26/7 PUR

ITEM NUMBERS:

Part number	Item description	Colour	Part number	Item description	Colour
3350149042	S/FTP-CAT7, AWG26/7 PUR 500m	Black	3351149042	S/FTP-CAT7, AWG26/7 PUR 1000m	Black
3350249042	S/FTP-CAT7, AWG26/7 PUR 500m	Yellow	3351249042	S/FTP-CAT7, AWG26/7 PUR 1000m	Yellow
3350349042	S/FTP-CAT7, AWG26/7 PUR 500m	Grey	3351349042	S/FTP-CAT7, AWG26/7 PUR 1000m	Grey
3350449042	S/FTP-CAT7, AWG26/7 PUR 500m	White	3351449042	S/FTP-CAT7, AWG26/7 PUR 1000m	White
3350549042	S/FTP-CAT7, AWG26/7 PUR 500m	Orange	3351549042	S/FTP-CAT7, AWG26/7 PUR 1000m	Orange
3350649042	S/FTP-CAT7, AWG26/7 PUR 500m	Blue	3351649042	S/FTP-CAT7, AWG26/7 PUR 1000m	Blue
3350749042	S/FTP-CAT7, AWG26/7 PUR 500m	Red	3351749042	S/FTP-CAT7, AWG26/7 PUR 1000m	Red
3350849042	S/FTP-CAT7, AWG26/7 PUR 500m	Green	3351849042	S/FTP-CAT7, AWG26/7 PUR 1000m	Green

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)
4.0	4.9	32	107	95	117	-	463
8.0	6.8	32	107	98	107	-	457
10.0	7.6	35	105	96	100	-	456
16.0	9.6	34	104	95	116	-	453
20.0	10.8	43	117	98	106	-	452
25.0	12.2	40	115	100	103	-	451
31.2	13.7	39	107	100	108	-	450
62.5	19.7	42	114	102	113	-	447
100.0	25.1	39	102	100	109	-	446
200.0	35.9	37	111	104	102	-	445
250.0	40.1	33	104	99	112	-	444
300.0	44.3	33	114	101	109	-	444
600.0	63.9	27	102	93	106	-	443

If FEXT loss is greater than 70 dB, PS ACR-F loss may not be measured

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