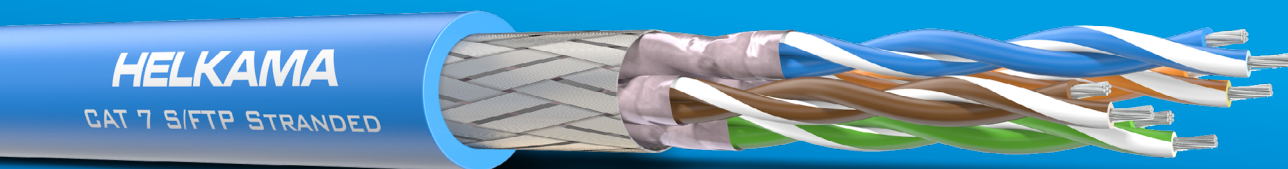


# CAT 7 stranded

## S/FTP 4PR AWG 26/7



<b>CONDUCTOR</b>	Stranded tinned copper conductor 26 AWG/7
<b>INSULATION</b>	Foam PE
<b>CONDUCTOR IDENTIFICATION</b>	1. White/Blue (Stripe) & Blue 2. White/Orange (Stripe) & Orange 3. White/Green (Stripe) & Green 4. White/Brown (Stripe) & Brown
<b>PAIR SHIELDING</b>	Aluminium foil
<b>SHIELDING</b>	Tinned copper wire braid
<b>SHEATH</b>	LSZH
<b>REFERENCE STANDARD</b>	IEC 61156-5 ISO/IEC 11801

### PHYSICAL PROPERTIES:

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

### ELECTRICAL PROPERTIES:

<b>MAX. CONDUCTOR DC RESISTANCE</b>	145 ohm/km @20 °C
<b>CONDUCTOR LOOP RESISTANCE</b>	max. 29 ohm/100 m @20 °C
<b>NOM. MUTUAL CAPACITANCE</b>	≤ 5.6 nF/100 m @1 kHz
<b>CAPACITANCE UNBALANCE PAIR TO GROUND</b>	≤ 1600 pF/km @1 kHz
<b>MIN. INSULATION RESISTANCE</b>	5000 Mohm/m
<b>IMPEDANCE</b>	100 ± 25 ohm @100 MHz
<b>FIRE PERFORMANCE</b>	IEC 60332-1 IEC 60332-3-22
<b>IDENTIFICATION</b>	Printed on the sheath: Manufacturer's name, Cable size and type, Fire performance, Lot number, Manufacturing date, Meter marking
<b>PACKAGING</b>	500 m drum, 1000 m drum

# CAT 7 stranded

## S/FTP 4PR AWG 26/7

### ITEM NUMBERS:

Part number	Item description	Colour	Part number	Item description	Colour
3360149042	S/FTP-CAT7, AWG26/7 500m	Black	3361149042	S/FTP-CAT7, AWG26/7 1000m	Black
3360249042	S/FTP-CAT7, AWG26/7 500m	Yellow	3361249042	S/FTP-CAT7, AWG26/7 1000m	Yellow
3360349042	S/FTP-CAT7, AWG26/7 500m	Grey	3361349042	S/FTP-CAT7, AWG26/7 1000m	Grey
3360449042	S/FTP-CAT7, AWG26/7 500m	White	3361449042	S/FTP-CAT7, AWG26/7 1000m	White
3360549042	S/FTP-CAT7, AWG26/7 500m	Orange	3361549042	S/FTP-CAT7, AWG26/7 1000m	Orange
3360649042	S/FTP-CAT7, AWG26/7 500m	Blue	3361649042	S/FTP-CAT7, AWG26/7 1000m	Blue
3360749042	S/FTP-CAT7, AWG26/7 500m	Red	3361749042	S/FTP-CAT7, AWG26/7 1000m	Red
3360849042	S/FTP-CAT7, AWG26/7 500m	Green	3361849042	S/FTP-CAT7, AWG26/7 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