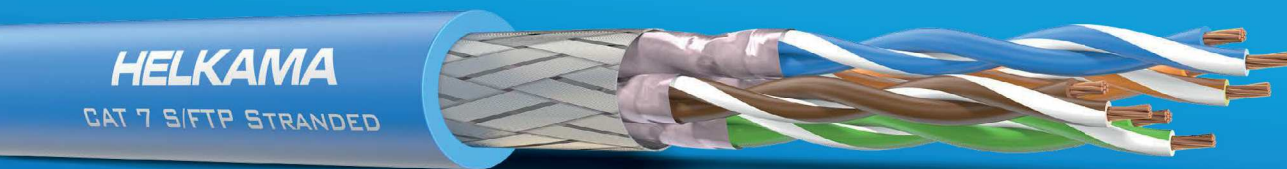


# CAT 7 stranded

## S/FTP 4PR AWG 24/7



<b>CONDUCTOR</b>	Stranded tinned copper, 24 AWG/7
<b>INSULATION</b>	Foam PE
<b>CONDUCTOR IDENTIFICATION</b>	<ol style="list-style-type: none"><li>1. White/Blue (Stripe) &amp; Blue</li><li>2. White/Orange (Stripe) &amp; Orange</li><li>3. White/Green (Stripe) &amp; Green</li><li>4. White/Brown (Stripe) &amp; Brown</li></ol>
<b>PAIR SHIELDING</b>	Aluminium foil
<b>SHIELDING</b>	Solid tinned copper braid
<b>SHEATH</b>	LSZH
<b>REFERENCE STANDARD</b>	IEC 61156-5 ISO/IEC 11801

### PHYSICAL PROPERTIES:

<b>RATED TEMPERATURE</b>	80 °C
<b>OPERATING TEMPERATURE RANGE</b>	-20 °C - 75 °C
<b>MIN. BENDING RADIUS (INSTALL)</b>	Installation 8 x diameter
<b>MAX. RECOMMENDED PULLING TENSION</b>	80 N
<b>OUTER DIAMETER</b>	7.6±0.3 mm
<b>CABLE WEIGHT</b>	61 kg/km

### ELECTRICAL PROPERTIES:

<b>MAX. CONDUCTOR DC RESISTANCE</b>	145 Ω/km @20 °C
<b>CONDUCTOR LOOP RESISTANCE</b>	max. 29 Ω/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 MΩ/m
<b>IMPEDANCE</b>	100±25 Ω @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, Cable type, Reaction to fire, Lot number, Production month and year, Meter marking
<b>PACKAGING</b>	500 m, 1000 m drum

# CAT 7 stranded

## S/FTP 4PR AWG 24/7

### ITEM NUMBERS:

Part number	Item description	Colour	Part number	Item description	Colour
3360124042	S/FTP-CAT7, AWG24/7 500m	Black	3361124042	S/FTP-CAT7, AWG24/7 1000m	Black
3360224042	S/FTP-CAT7, AWG24/7 500m	Yellow	3361224042	S/FTP-CAT7, AWG24/7 1000m	Yellow
3360324042	S/FTP-CAT7, AWG24/7 500m	Grey	3361324042	S/FTP-CAT7, AWG24/7 1000m	Grey
3360424042	S/FTP-CAT7, AWG24/7 500m	White	3361424042	S/FTP-CAT7, AWG24/7 1000m	White
3360524042	S/FTP-CAT7, AWG24/7 500m	Orange	3361524042	S/FTP-CAT7, AWG24/7 1000m	Orange
3360624042	S/FTP-CAT7, AWG24/7 500m	Blue	3361624042	S/FTP-CAT7, AWG24/7 1000m	Blue
3360724042	S/FTP-CAT7, AWG24/7 500m	Red	3361724042	S/FTP-CAT7, AWG24/7 1000m	Red
3360824042	S/FTP-CAT7, AWG24/7 500m	Green	3361824042	S/FTP-CAT7, AWG24/7 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)
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