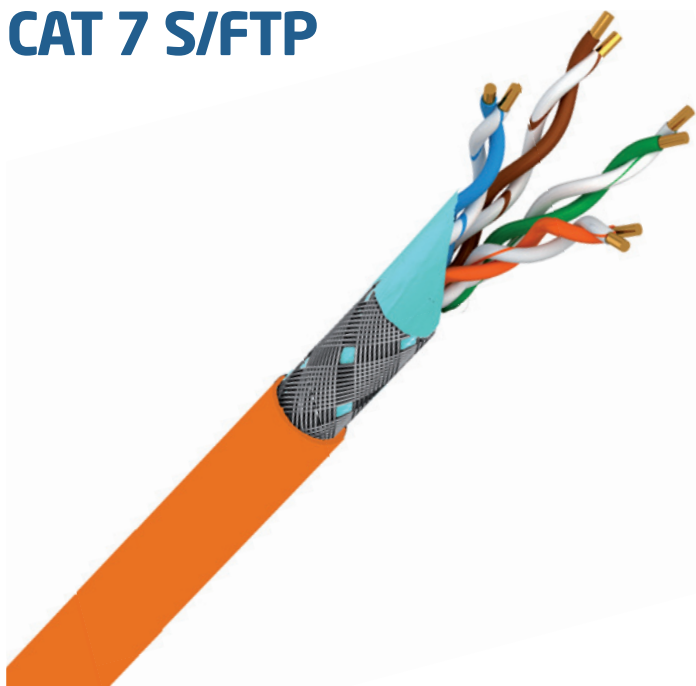


CAT 7 S/FTP



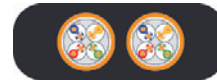
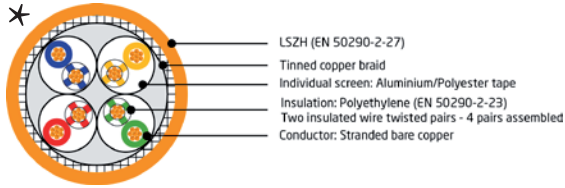
INFORMATION

Applications	Class F: Ethernet, Fast Ethernet, Gigabit Ethernet, 10 Gigabit Ethernet
Standard	EN 50173; EN 50288; IEC 60332-1; IEC 61156-6; ISO/IEC 11801
Sheath color	Orange
Higher heating value	376 MJ / km
Overall screen	Tinned copper braid
Halogen-free CAT7	LSZH
Individual screen	Aluminium / Polyester tape
Cable Type	S / FTP
Number of pairs	8 (4x2)*
Approximate weight	72 kg / km
Nominal outer diameter (mm)	5.8 mm
Diameter AWG conductor	26 AWG
Diameter over insulation	0.97 mm
Effective capacity	45 nF / km
Max. resistance the conductor at 20 ° C	165 Ohm / km
Impedance characteristics 100MHz	100 Ohm
Propagation velocity	75%
Coupling attenuation at 30Mhz	> 85
Maximum voltage to install	80 V
Bending factor when laying	7 (xD)
Bending radius static operating	3.5 (xD)
Ambient temperature during installation	0 to 50 ° C
Ambient static operating temperature	-20 to 70 ° C
No contaminants	EU RoHS directive

CARACTERISTIQUES DE TRANSMISSION DU CAT.7 S/FTP FLEX

Valeurs à 20°C

Fréquence (MHz)	4	100	155	200	240	250	350	500	550	580	590	600
Atténuation max. (dB/100m)	5.6	28.5	36.0	41.2	45.4	46.5	55.8	67.9	71.6	73.7	74.4	75.1
NEXT min. (dB)	75.0	72.4	69.5	67.9	66.7	66.4	64.2	61.9	61.3	60.9	60.8	60.7
PSNEXT min. (dB)	75.0	69.4	66.5	64.9	63.7	63.4	61.2	58.9	58.3	57.9	57.8	57.7
ACRF min. (dB)	75.0	54.0	50.2	48.0	46.4	46.0	43.1	40.0	39.2	38.7	38.6	38.4
PSACRF min. (dB)	75.0	51.0	47.2	45.0	43.4	43.0	40.1	37.0	36.2	35.7	35.6	35.4
Return Loss min. (dB)	23.0	19.0	17.4	16.4	15.7	15.6	15.6	15.6	15.6	15.6	15.6	15.6



2CAT 7 S/FTP
Nominal dimensions 7,8 x 22,5 mm.