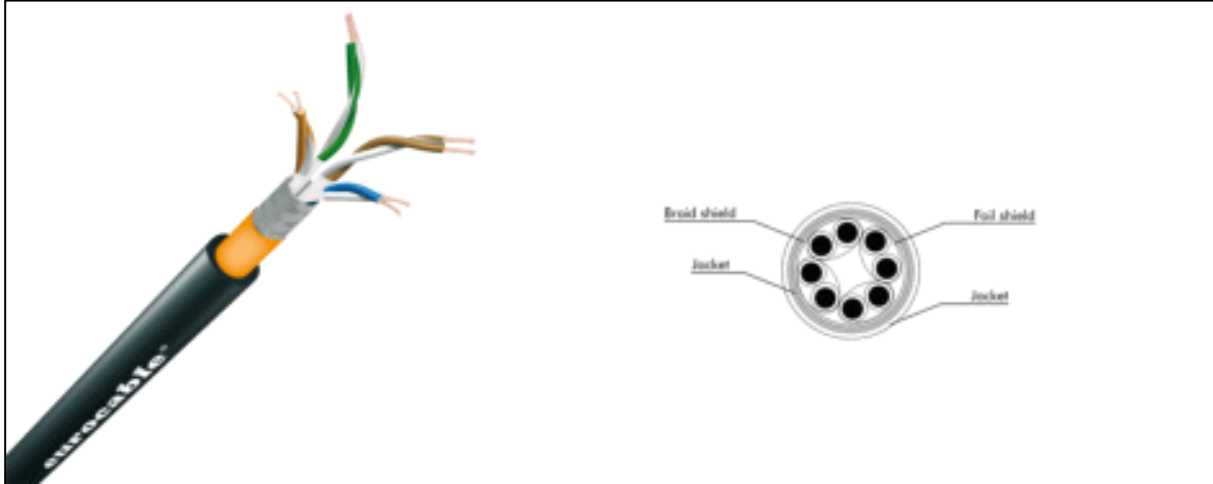


CAT7 SFTP ETHERNET CABLE PUR JACKET

CVS LKCAT7 SFTP



CVS LKCAT7 SFTP PUR

TRANSMISSION DATA

Frequency [MHz]	1	4	10	16	20	31.25	62.5	100	125	155	175	200	250	300	450	600	750	900	1000	1200	1500
Attenuation (max)	2	3.5	5.3	6.6	7.5	9.50	13.5	16.5	18.8	21	21.2	23.2	25.4	28.4	36	41	47.8	52	55.3	59	70
NEXT (min)	90	90	90	90	85	85.00	80	80	80	80	75	75	75	70	70	65	65	65	65	55	50
ACR (min)	88	86.5	84.7	83.4	77.5	75	66	63.5	61.2	59	53.8	51.8	49.6	41.6	34	24	17.2	13	9.7	-4	-20
Return Loss (min)	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	20	20	20	20	20	15

ELECTRICAL DATA

D.C.R. at 20°C	≤ 57.50 ohm/Km
Insulation resistance	> 5000 mOhm/Km
Insulation voltage	1 Kv
Mutual capacitance	43 pF/m at 800Hz
Nominal Impedance 1 KHz	100 ohm (nom)
Propagation velocity	77%

GENERAL DATA

Cable	O.D.	10 mm
	Weight kg/100m	11.35
	Max pulling force	380 N
	Min bending radius	10 x O.D.
Jacket	Material	Flame Retardant LSZH PUR
	Color	Black
Overall shield	Material	Tinned copper braid
	Coverage	40%
Single pair shield	Material	Aluminium/Polyester tape
	Coverage	100%
Insulation	Material	Foamed polyethylene
	O.D.	1.52 mm
Conductor	Quantity	4 x 2
	Strand	1 x 0.64 mm
	Area/AWG	0.32 mm ² /22
	Material	Solid Bare - Red copper