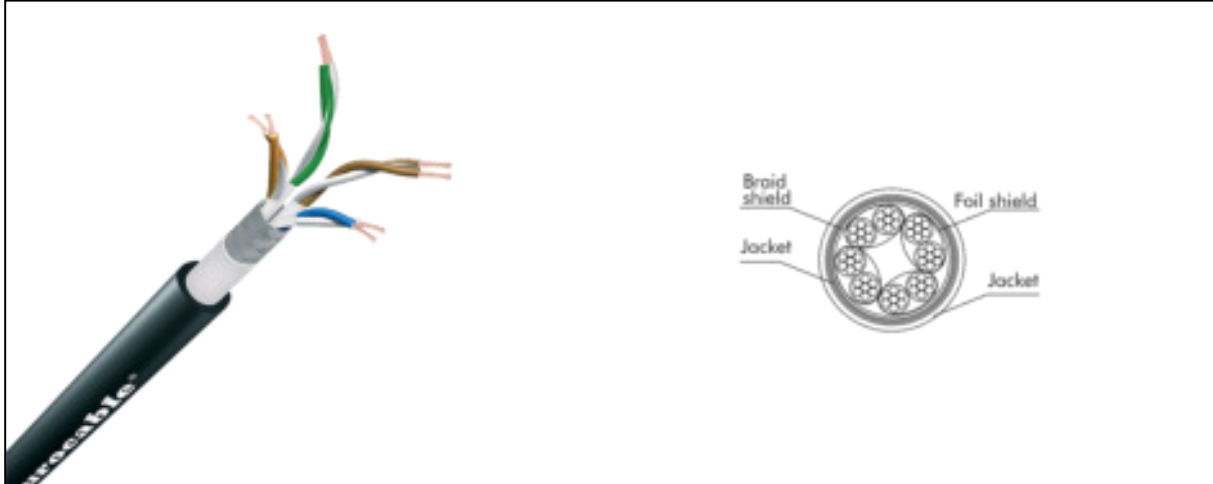


CAT6A SFTP P STRANDED WIRE ETHERNET CABLE

CVS LKCAT6A SFTP P



CVS LKCAT6 SFTP P		
GENERAL DATA		
Cable	O.D.	7.70 mm
	Weight Kg/100m	5.95
	Operating temperature	-20°C/+70°C
Jacket	Material	External: PVC, Internal: LSZH polymer
Overall shield	Material	Annealed tinned copper braid shield
	Coverage	40%
Shield on single pair	Material	Aluminium/Polyester tape
	Coverage	100%
Conductor	Quantity	4 x 2
	Strand	7 x 0.145 mm
	Area/AWG	0.12 mm ² /26
	Material	Stranded- Red copper

TRANSMISSION SPECIFICATIONS (for CAT6A)													
Frequency [MHz]	1	10	20	31.2	62.5	100	155.5	200	250	300	500		
Attenuation (max)	1.8	5.4	7.7	9.6	13.7	17.4	21.9	25	28.1	30.8	40		
NEXT (min)	100	80	70	65	60	60	55	55	50	45	42		
ACR (min)	98.2	74.6	62.3	55.4	46.3	42.6	33.1	30	21.9	14.2	2		
Return Loss (min)	25	25	25	25	25	25	25	20	20	20	15		
TRANSMISSION SPECIFICATIONS (for stranded conductors)													
Frequency [MHz]	1	4	8	10	16	20	25	31.25	62.50	100	155	200	250
Attenuation (max)	2	3.7	5.3	5.9	7.5	8.4	9.5	10.6	15.3	19.8	25.1	29.8	32.8
NEXT (min)	74.3	65.2	60.7	59.3	56.2	54.7	53.3	51.8	47.3	44.3	41.4	39.7	38.3
ACR (min)	72.2	61.4	55.4	53.3	48.6	46.3	43.8	41.2	31.9	24.5	16.2	10.8	5.4
PS-NEXT (min)	72.3	63.2	58.7	57.3	54.2	52.7	51.3	49.8	45.3	42.3	39.4	37.7	36.3
Return Loss (min)	20	23	24.5	25	25	25	24.3	23.6	21.5	20.1	19	18	17.3