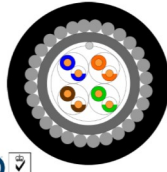


CAT6 FTP LSZH SWA Technical Data Sheet



<u>Conductor:</u> <u>Diameter:</u>	23awg solid annealed bare copper 1/0.57 ± 0.005mm
<u>Insulation:</u> <u>Diameter:</u>	HDPE (High Density Polyethylene) 1.05mm ±0.05mm
<u>Pairs:</u>	4 twisted pairs Pair 1: White/Blue Pair 2: White/Orange Pair 3: White/Green Pair 4: White/Brown
<u>Screen:</u>	Aluminium foil with 1/0.4mm TC Drain Wire
<u>Inner Sheath:</u> <u>Diameter:</u> <u>Nominal Thickness:</u>	Black, LSZH (Low Smoke Zero Halogen) 7.4mm 1.0mm
<u>Armour:</u> <u>Diameter after armour:</u>	Galvanized steel wire armour (diameter: 0.9mm) 9.2mm
<u>Outer sheath:</u> <u>Nominal Thickness:</u> <u>Overall Diameter:</u>	Black LSZH (Low Smoke Zero Halogen) 1.4mm 12.0mm ±0.5mm
<u>Standards:</u>	TIA/EIA 568C.2 and ISO/IEC 11801

Freq. (MHz)	Max. Att. (dB/100m)	Min. ACRF (dB/100m)	Min. NEXT (dB)	Min. PS NEXT (dB)	Min. PS ACRF (dB/100m)	Min. RL (dB)
1	2.0	67.8	74.3	72.3	64.8	20
4	3.8	55.8	65.3	63.3	52.8	23
8	5.3	49.7	60.8	58.8	46.7	24.5
10	6.0	47.8	59.3	57.3	44.8	25
16	7.6	43.7	56.2	54.2	40.7	25
20	8.5	41.8	54.8	52.8	38.8	25
25	9.5	39.8	53.3	51.3	36.8	24.3
31.25	10.7	37.9	51.9	49.9	34.9	23.6
62.5	15.4	31.9	47.4	45.4	28.9	21.5
100	19.8	27.8	44.3	42.3	24.8	20.1
200	29.0	21.8	39.8	37.8	18.8	18
250	32.8	19.8	38.3	36.3	16.8	17.3