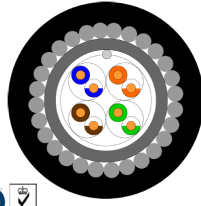


CAT5E FTP LSZH SWA Technical Data Sheet



<u>Conductor:</u> <u>Diameter:</u>	24awg solid annealed bare copper 1/0.5 ± 0.005mm
<u>Insulation:</u> <u>Diameter:</u>	HDPE (High Density Polyethylene) 0.97mm ±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) 7.0mm 1.0mm
<u>Armour:</u> <u>Diameter after armour:</u>	Galvanized steel wire armour (diameter: 0.9mm) 8.8mm
<u>Outer sheath:</u> <u>Nominal Thickness:</u> <u>Overall Diameter:</u>	Black LSZH (Low Smoke Zero Halogen) 1.4mm 11.6mm ±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	63.8	65.3	62.3	60.8	20
4	4.1	51.8	56.3	53.3	48.8	23
8	5.8	45.7	51.8	48.8	42.7	24.5
10	6.5	43.8	50.3	47.3	40.8	25
16	8.2	39.7	47.2	44.2	36.7	25
20	9.3	37.8	45.8	42.8	34.8	25
25	10.4	35.8	44.3	41.3	32.8	24.3
31.25	11.7	33.9	42.9	39.9	30.9	23.6
62.5	17.0	27.9	38.4	35.4	24.9	21.5
100	22.0	23.8	35.3	32.3	20.8	20.1