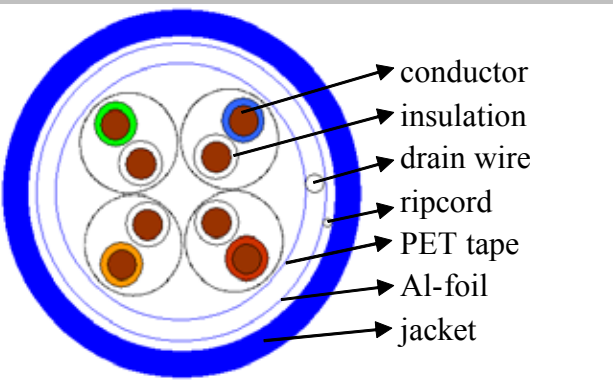


INDOOR CAT5e FTP SOLID LAN CABLE 4X2X24AWG

Cross Section	Electrical characteristics				
	Freq.	RL	Atten.	Next	Srl.
	(Mhz)	(dB)	(dB/100m)	(dB)	(dB)
	1	20.0	2.0	65.3	28.0
	4	23.0	4.1	56.3	28.0
	8	24.5	5.8	51.8	28.0
	10	25.0	6.5	50.3	28.0
	16	25.0	8.2	47.2	28.0
	20	25.0	9.3	45.8	25.0
	25	24.3	10.4	44.3	27.0
	31.25	23.6	11.7	42.9	26.1
	62.5	21.5	16.8	38.4	23.1
	100	20.1	21.7	35.3	21.0
	155	18.8	27.6	32.5	19.1
	200	17.3	31.8	30.8	18.0
	250	17.3	36.1	29.3	17.0
	300	16.8	40.0	28.1	16.2
	350	16.3	43.8	27.1	15.6
Description	Freq.	PsNext	ElFext	PsElFext	Delay
	(Mhz)	(dB)	(dB/100m)	(dB/100m)	(ns/100m)
Conductor: 4X2X24AWG	1	62.3	63.8	60.8	45.0
Conductor material: solid bare copper	4	53.3	51.8	48.8	45.0
Conductor dia.: 0.51 +/- 0.01mm	8	48.8	45.7	42.7	45.0
Insulation: HDPE	10	47.3	43.8	40.8	45.0
Thickness: 0.23mm	16	44.2	39.9	36.9	45.0
Diameter: 1.0 +/-0.03mm	20	42.8	38.0	35.0	45.0
Color code: 1P: white-blue / blue	25	41.3	36.0	33.0	45.0
2P: white-orange / orange	31.25	39.9	34.1	31.1	45.0
3P: white-green / green	62.5	35.4	28.1	25.1	45.0
4P: white-brown / brown	100	32.3	24.0	21.0	45.0
Polyester tape: 100% coverage	155	29.5	20.2	17.2	45.0
Drain wire: tinned solid copper	200	27.8	18.0	15.0	45.0
diameter: 0.51 +/- 0.01mm	250	26.3	16.0	13.0	45.0
Shielding: Al-foil polyester tape	300	25.1	14.5	11.5	45.0
100% coverage	350	24.1	13.1	10.1	45.0
Ripcord: Nylon (150Dx3)					
Mechanical characteristics					
Test object: jacket					
Test material: LSZH PVC					
before tensile Strength (Mpa): >=13.8					
aging elongation: >=100%					
Aging condition (☒ xHrs): 100x168					
after tensile strength (Mpa): 80% of unaged					
aging elongation: 50% of unaged					
Cold bend (-20+/-2 x 4hrs): No crack.					