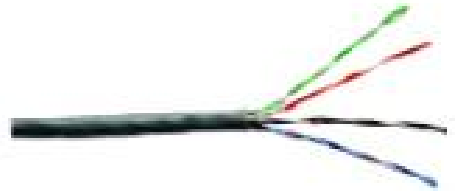


Sen5e Cat 5e Cable

Applications:	Cat 5e cable, also known as Ethernet cable or network cable
Conductor:	Solid annealed copper 0.5mm (24AWG) nominal
Insulation:	Solid polyethylene
Construction:	4 twisted pairs, laid up with overall sheath
Sheath:	PVC (Grey) or LSZH (Violet) PVC sheath available in grey, white, blue, red, yellow and green
Nominal OD:	5.0mm
Cable weight:	10kg/305m
Bending radius:	Min 20mm
Pulling tension:	Max 110N (11.3 Kgf)
Temp rating:	-20°C to +75°C
Velocity of propagation:	70%
Propagation delay:	537.6ns/100m (Max) at 100MHz
Propagation delay skew:	45.0ns/100m (Max)
Characteristic impedance:	100Ω +/- 15
Standards:	Flame test: IEC 60332-1 / UL 1581 VW-1



Frequency MHz	Attenuation dB/100m	NEXT dB	ACR dB/100m	PSACR dB/100m	PSNEXT dB	ELFEXT dB/100m	PSELFEXT dB/100m	RL dB
1	2.0	65.3	63.3	60.3	62.3	63.8	60.8	19.0
4	4.1	56.3	52.2	49.2	53.3	51.7	48.7	20.8
10	6.5	50.3	43.8	40.8	47.3	43.8	40.8	22.0
16	8.2	47.3	39.0	36.0	44.3	39.7	36.7	22.0
20	9.3	45.8	36.5	33.5	42.8	37.7	34.7	22.0
25	10.4	44.3	33.9	30.9	41.3	35.8	32.8	21.3
31.25	11.7	42.9	31.2	28.2	39.9	33.9	30.9	20.6
62.5	17.0	38.4	21.4	18.4	35.4	27.8	24.8	18.5
100	22.0	35.3	13.3	10.3	32.3	23.8	20.8	17.1

Sheath Colour	BATT Part No
Grey	54217
Violet	54180
White	54266
Blue	54243
Red	54040
Yellow	54245
Green	54244

Manufactured in accordance with EIA/TIA 568A-5 and ISO11801 to Category 5E

Item	Sheath	Colour	BATT Part No
305m Box	PVC	Grey	54217
305m Box	LSZH	Violet	54180