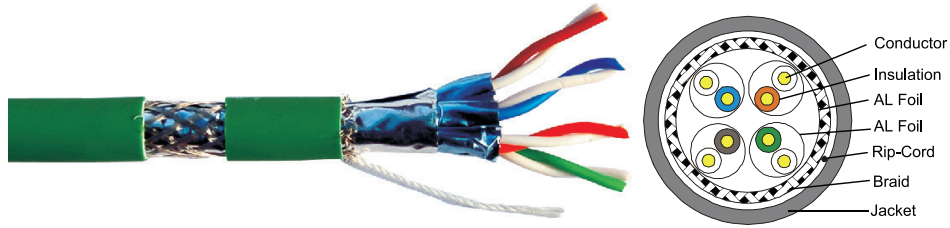


## CATEGORY 7 - S/FTP 4 PAIR INDOOR CABLE



Category	SFTP-CAT7-4P			Jacket Physical Properties	Before Aging TensileStrength(Mpa) $\geq 13.5$	
Test Standard	ISO/IEC11801、TIA-568-C.2				Elongation(%) $\geq 150$	
Conductor	Material	SOLID-Bare Copper			Aging Period( $^{\circ}\text{C}\times\text{hrs}$ )	$100^{\circ}\text{C}\times 24\text{h}\times 10\text{d}$
	Nom.O.D.(mm)	0.580	Up +0.003 Down -0.003		After Aging TensileStrength(Mpa)	$\geq 12.5$
Insulation	Material	Skin-foam-skinPE			Elongation(%)	$\geq 125$
	Diameter	1.350 $\pm$ 0.05mm			Cold bend(-20 $\pm$ 2 $^{\circ}\text{C}\times 4\text{h}$ )	No visible cracks
Shield	Al Foil	Drain wire	No	Electrical Characteristics (20 $^{\circ}\text{C}$ )	Impedance( $\Omega$ ): (1-100MHz)	100 $\pm$ 15 $\Omega$
Braid	TC Coverage 40%	Rip-cord	Yes		(100-250MHz)	100 $\pm$ 18 $\Omega$
					(250-600MHz)	100 $\pm$ 25 $\Omega$
Jacket	Thickness	0.60 $\pm$ 0.05mm			Delay Skew(ns/100m)	$\leq 25$
	ExternalO.D.	8.1 $\pm$ 0.3mm		NVP	74%	
	Material	PVC/LSZH		Capacitance (nf/100m) max	4.5	
	Color	Color Code		Pair to Ground Unbalance(pf/100m)max	330	
				DC Resistance ( $\Omega$ /100m) max	9.5	
				DC Resistance Unbalance(%)max	2.0	



Dimension	40.5cm x 40.5cm x 21cm
Packing length	305m/500m $\pm$ 1.5m

Technical Performance(100m):

Frequency (MHz)	RL $\geq$ dB	ATT $\leq$ dB	NEXT $\geq$ dB	ACR $\geq$ dB	Frequency (MHz)	PSNEXT $\geq$ dB	ACR-F $\geq$ dB	PSACR-F $\geq$ dB
1.0	20.0	2.0	78.0	76.0	1.0	75.0	78.0	75.0
4.0	23.0	3.7	78.0	74.3	4.0	75.0	78.0	75.0
8.0	24.5	5.2	78.0	72.8	8.0	75.0	75.9	72.9
10.0	25.0	5.9	78.0	72.1	10.0	75.0	74.0	71.0
16.0	25.0	7.4	78.0	70.6	16.0	75.0	69.9	66.9
20.0	25.0	8.3	78.0	69.7	20.0	75.0	68.0	65.0
25.0	24.3	9.3	78.0	68.7	25.0	75.0	66.0	63.0
31.25	23.6	10.4	78.0	67.6	31.25	75.0	64.1	61.1
62.5	21.5	14.9	75.5	60.6	62.5	72.5	58.1	55.1
100	20.1	19.0	72.4	53.4	100	69.4	54.0	51.0
150	18.9	23.6	69.8	46.2	150	66.8	50.2	47.2
200	18.0	27.5	67.9	40.4	200	64.9	48.0	45.0
250	17.3	31.0	66.4	35.4	250	63.4	46.0	43.0
300	17.3	34.2	65.2	31.0	300	62.2	44.5	41.5
600	17.3	50.1	60.7	10.6	600	57.7	38.4	35.4

Part No.	Item Description	Color Code
C07SI1GY	CAT 7 SFTP 4 PAIR CABLE GREY	GREY (GY)   BLUE (BU)   RED (RD)
C07SI3GY	CAT 7 SFTP 4 PAIR LSZH CABLE GREY	YELLOW (YL)   WHITE (WH)   GREEN (GR) ORANGE (OR)   BLACK (BL)   PURPLE (PL)