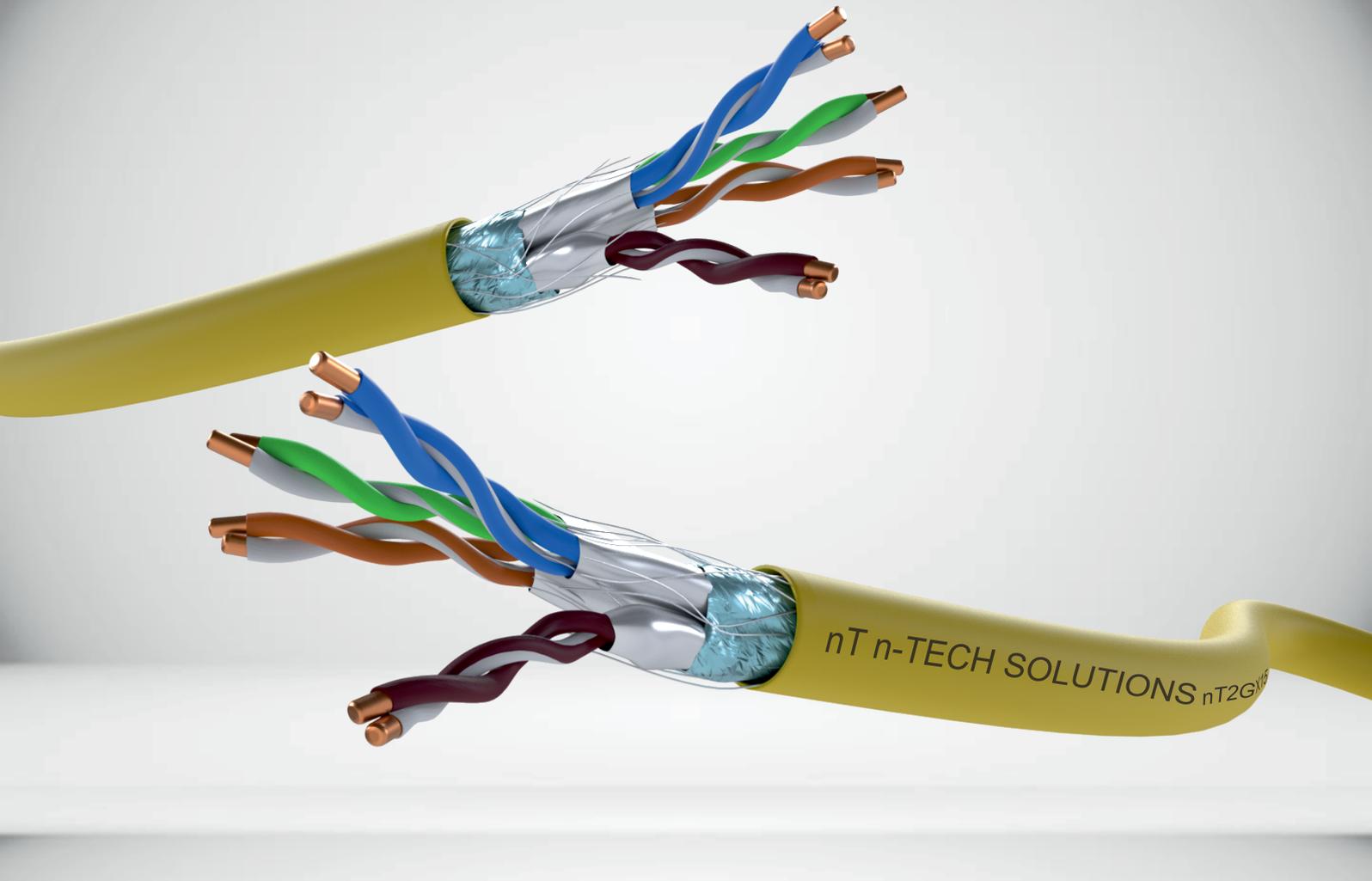


CAT 8A 4 PAIR CABLE

nT02GX15



nT
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DESCRIPTION

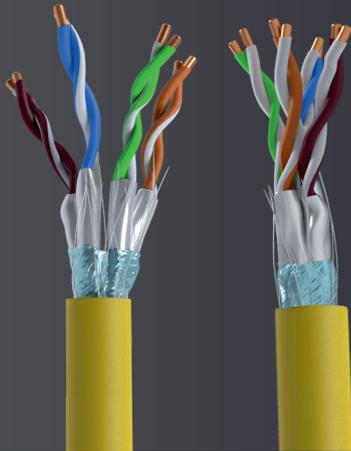
nT2GX15 CAT 8 Cable is shielded twisted pair network cable. Cat 8 shielded cable is the important part of the high speed structured cabling systems, . CAT 8 Shielded twisted pair Cable supports 25 Gbps standard . Each pair is aluminium foiled and overall outer aluminium foil and drain wire. This cable exceeds the requirements of TIA/EIA-568.C.2 Category 8 ISO/IEC Class E. It is a 4 pair 22 awg solid conductor cable .Each pair is coloured differently for identification . Available in 500 mtrs reel packing . Available in Yellow colour

CAT 8A 4 PAIR CABLE

nT02GX15



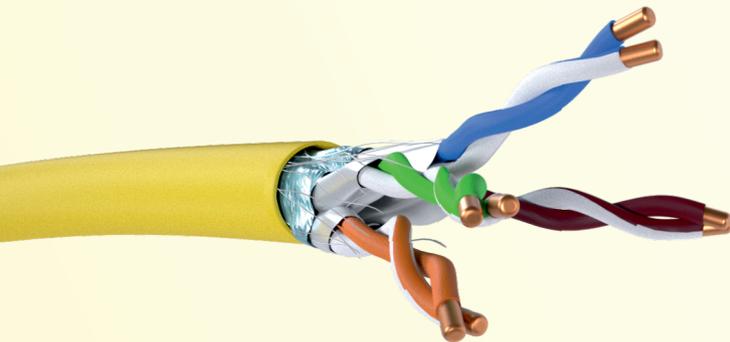
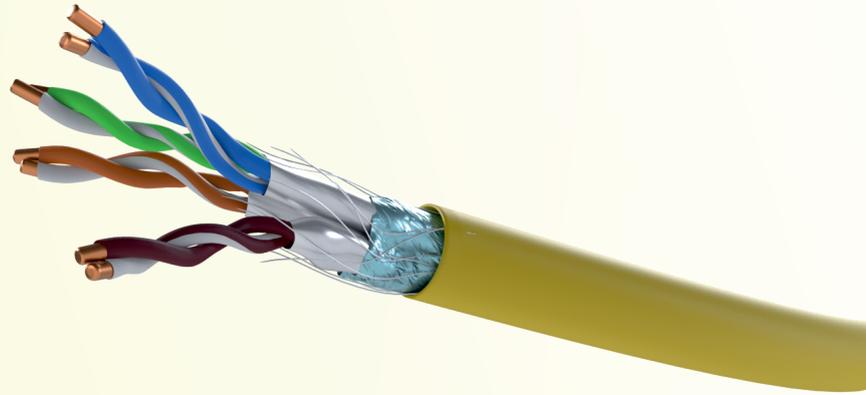
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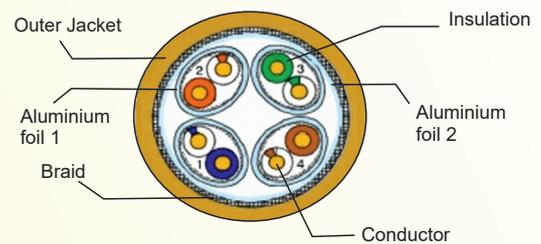
Specification

Conductor	:	Solid Bare Electrolytic Grade Copper
Conductor Size	:	22 AWG
Shield	:	Each pair foiled and overall foil and shield wire
Insulation	:	Skin Foamed PE
Insulation Size	:	1.58 ± 0.05 mm
Twisted Pair - Identification	:	Colour coded 4 twisted pairs
Jacket	:	LSZH
Sheathing colour	:	Yellow
Cable Diameter - (Approax)	:	8.4 mm
Speed	:	25 Gbps
Packing	:	500 m reel

CAT 8A 4PAIR CABLE



Cross Section



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CAT 8A 4 PAIR CABLE

nT02GX15



Electrical Characteristics (Length: 100M)

ISO/IEC 11801, IEC 61156-9

Frequency	Character impedance upper limit	Character impedance lower limit	RL	ATT	NEXT	PS NEXT	ACRF	PS ACRF	PD	PS ANEXT	PS AACRF
(MHZ)	(Ω)	(Ω)	(dB min)	(dB/30m)	(dB min)	(dB min)	(dB/30qmir)	(dB min)	(ns/100m Max)	(dB min)	(dB/30m)
1	122.2	81.8	20.0	1.12	78.0	75.0	78.0	75.0	570.0	80.0	80.0
4	115.2	86.8	23.0	1.12	78.0	75.0	78.0	75.0	552.0	80.0	80.0
8	112.6	88.8	24.5	1.57	78.0	75.0	78.0	75.0	546.7	80.0	80.0
10	11.9	89.4	25.0	1.75	78.0	75.0	78.0	75.0	545.4	80.0	80.0
16	111.9	89.4	25.0	2.20	78.0	75.0	76.5	73.5	543.0	80.0	78.1
20	111.9	88.5	25.0	2.46	78.0	75.0	74.6	71.6	542.0	80.0	76.2
25	112.9	87.7	25.0	2.75	78.0	75.0	72.6	69.6	541.2	80.0	74.2
31.25	114.1	84.5	25.0	3.08	78.0	75.0	70.7	67.7	540.4	80.0	72.3
62.5	118.3	82.0	23.6	4.37	78.0	75.0	64.7	61.7	538.6	80.0	66.3
100	121.9	79.6	22.2	5.56	75.4	72.4	60.6	57.6	537.6	80.0	62.2
150	125.7	77.6	21.0	6.84	72.8	69.8	57.1	54.1	536.9	80.0	58.7
200	128.8	76.0	20.1	7.94	70.9	67.9	54.6	51.6	536.5	80.0	56.2
250	131.5	76.0	19.4	8.92	69.4	66.4	52.6	49.6	536.3	80.0	54.2
300	131.6	76.0	18.9	9.81	68.2	65.2	51.1	48.1	536.1	80.0	52.7
350	131.6	76.0	18.4	10.63	67.2	64.2	49.7	46.7	535.9	79.3	51.3
400	131.6	76.0	18.0	11.40	66.4	63.4	48.6	45.6	535.8	78.5	50.2
500	131.6	76.0	17.3	12.83	64.9	61.9	46.6	43.6	535.6	77.0	48.2
550	131.6	76.0	17.0	13.49	64.3	61.3	45.8	42.8	535.5	76.4	47.4
600	131.6	76.0	16.8	14.13	63.7	60.7	45.0	42.0	535.5	75.8	46.6
700	131.6	76.0	16.3	15.34	62.7	59.7	43.7	40.7	535.4	74.8	45.3
800	131.6	76.0	15.9	16.48	61.9	58.9	42.5	39.5	535.3	74.0	44.1
1000	131.6	76.0	15.2	18.58	60.4	57.4	40.6	37.6	535.1	72.5	42.2
1200	131.6	70.0	14.7	20.51	59.2	56.2	39.0	36.0	535.0	71.3	40.6
1500	131.6	70.0	14.0	23.17	57.8	54.8	37.1	34.1	534.9	69.9	38.7
2000	135.0	65.0	13.1	27.15	55.9	52.9	34.6	31.6	534.8	68.0	36.2

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