

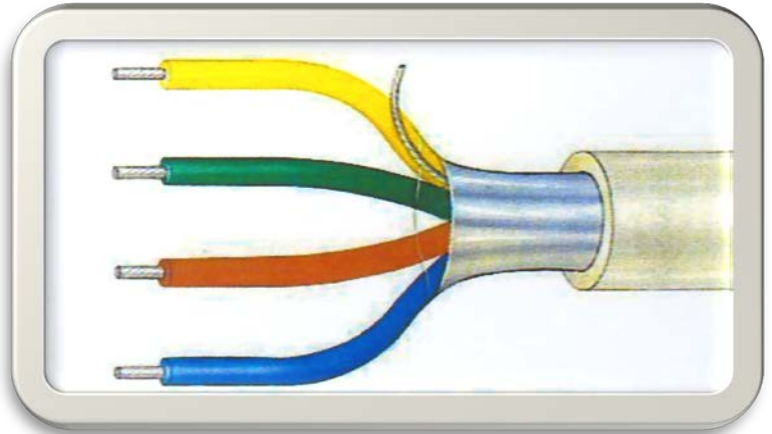
Multicore – Screened (RS232)

Uses; Internal & external inter-connections of electronic apparatus
{Intercoms, alarms, signalling}

Conductor: Tinned Copper Wire.

Insulation/Sheath: PVC - V105 Flame Retardant.

Screen: Aluminium Polyester Laminate Foil Tape providing 100% shield earthed with a Tinned Copper drain wire for ease of Termination.



Core Colour Code

WIRE	COLOUR	WIRE	COLOUR	WIRE	COLOUR	WIRE	COLOUR
1	RED (R)	14	R/GN	27	GN/BK	39	W/BK
2	BLUE (BL)	15	Y/R	28	O/GN	40	Y/GY
3	GREEN (GN)	16	R/W	29	GY/GN	41	Y/BK
4	YELLOW (Y)	17	R/BK	30	Y/BN	42	GY/O
5	WHITE (W)	18	R/BN	31	W/BN	43	GY/R
6	BLACK (BK)	19	Y/BL	32	BN/BK	44	GY/BK
7	BROWN (BN)	20	W/BL	33	GY/BN	45	O/BN
8	VIOLET (V)	21	BL/BK	34	Y/V	46	O/BK
9	ORANGE (O)	22	O/BL	35	V/BK	47	GN/BN
10	PINK (P)	23	BL/GN	36	W/V	48	BL/BN
11	TURQS (T)	24	GY/BL	37	W/O	49	P/BL
12	GREY (GY)	25	Y/GN	38	W/GY	50	P/O
13	R/BL	26	W/GN				

Sizes / Types Available

CODE	Description	Number Conductors	Conductors (mm)	Nominal O/D (mm)	Nominal Capacitance (PF/M)
CSDS4702	4 Core	4	7 x 0.20	4.8	90
CSDS6702	6 Core	6	7 x 0.20	5.5	90
CSDS8702	8 Core	8	7 x 0.20	5.9	90
CSDS12702	12 Core	12	7 x 0.20	6.9	90
CSDS18702	18 Core	18	7 x 0.20	8.1	90
CSDS25702	25 Core	25	7 x 0.20	9.3	90

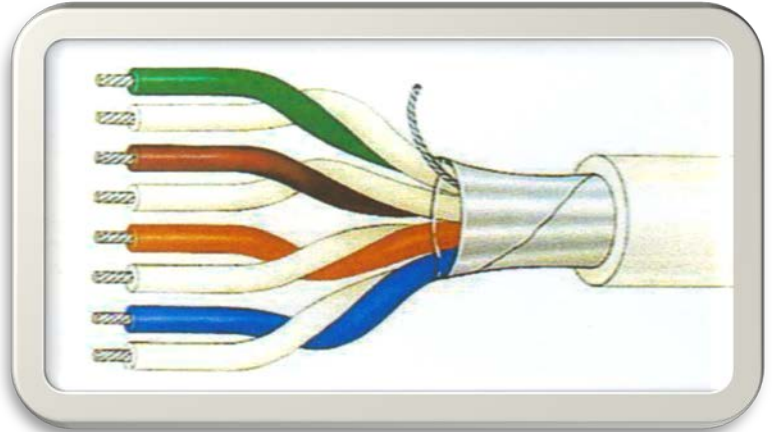
Multipair – Screened (RS422)

Uses: Internal & external inter-connections of electronic apparatus
{Intercoms, alarms, signalling}

Conductor: Tinned Copper Wire.

Insulation/Sheath: Grey PVC - V105 Flame Retardant.

Screen: Aluminium Polyester Laminate Foil Tape providing 100% shield earthed with a Tinned Copper drain wire for ease of Termination.



Core Colour Code

Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2	Pair No.	Wire 1	Wire 2
1	WHITE	BLUE	9	RED	BROWN	17	YELLOW	ORANGE
2	WHITE	ORANGE	10	RED	GREY	18	YELLOW	GREEN
3	WHITE	GREEN	11	BLACK	BLUE	19	YELLOW	BROWN
4	WHITE	BROWN	12	BLACK	ORANGE	20	YELLOW	GREY
5	WHITE	GREY	13	BLACK	GREEN	21	VIOLET	BLUE
6	RED	BLUE	14	BLACK	BROWN	22	VIOLET	ORANGE
7	RED	ORANGE	15	BLACK	GREY	23	VIOLET	GREEN
8	RED	GREEN	16	YELLOW	BLUE	24	VIOLET	BROWN
						25	VIOLET	GREY

Sizes / Types Available

CODE	Description	Number Conductors	Conductors (mm)	Nominal O/D (mm)	Nominal Capacitance PF/M)
CSDS1P702	ONE PAIR	2	7 x 0.20	5.2	50
CSDS2P702	TWO PAIR	4	7 x 0.20	5.9	50
CSDS3P702	THREE PAIR	6	7 x 0.20	6.2	50
CSDS4P702	FOUR PAIR	8	7 x 0.20	6.7	50
CSDS6P702	SIX PAIR	12	7 x 0.20	7.8	50
CSDS8P702	EIGHT PAIR	16	7 x 0.20	8.4	50
CSDS10P702	TEN PAIR	20	7 x 0.20	9.8	50
CSDS12P702	TWELVE PAIR	24	7 x 0.20	10.2	50
CSDS18P702	EIGHTEEN PAIR	36	7 x 0.20	12.20	50
CSDS25P702	TWENTY FIVE PAIR	50	7 x 0.20	14.10	50

LAN Cable Category 5E / 6 (UTP & FTP)

Uses; Designed for use in data Communication networks 1000BASE-T Gigabit Ethernet to meet requirements of AS3080, TIA/EIA 568-A, ANSI/TIA/EIA-568-B.2.1 and ISO 11801.

Conductor: Annealed Copper Wire Solid.
{Stranded also available}

Insulation/Sheath: Polyolefin / PVC.

{FTP includes A1 Foil shield and solid 1/0.5 tinned Copper drain wire.}

UTP stands for **U**nshielded **T**wisted **P**air.

The difference between the UTP and STP cable is additional shielding material used in STP cables. The shielding covers the full length of the cable and protects it from any external interference.

Colour Sheaths

CAT5E

BLUE	BLACK	GREEN	GREY	
ORANGE	PINK	RED	YELLOW	WHITE

CAT 6

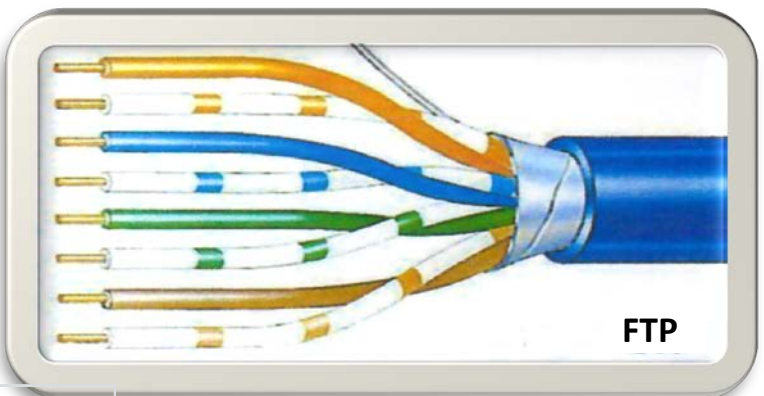
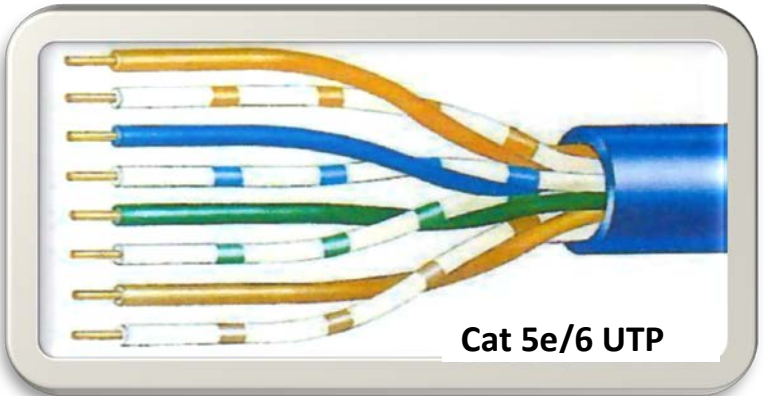
BLUE	BLACK	GREEN	GREY	ORANGE	PINK
PURPLE	RED	YELLOW	WHITE		

CODES:

CAT5E UTP -CSDACAT5E + [COLOUR]
 CAT5E UTP STRANDED -CSDACAT5ES
 CAT5E FTP--CSDACAT5ESCR

CAT6 UTP --CSDACAT6 + [COLOUR]
 CAT6 UTP STRANDED—CSDACAT6S

** CAT 5E and CAT6 are also available in Stranded Conductors, Colours vary**



Technical Data	No. of Pairs	Insulation Thickness (mm)	Nom. O.D. (mm)	Max. Cond. Resistance (Ohm/Km)	Vel. Prop. (%)	Mutual Capacitance (pt/100m)
Cat. 5e UTP <small>UL Verified</small>	4	0.21	5.0	9.38	66	5.6
Cat. 6 UTP <small>UL Verified</small>	4	0.244	6.15	9.38	66	5.6

***** NOTE: these cables are not power cables or for direct connection of equipment to mains power supply.

Data

Cable Category 6A

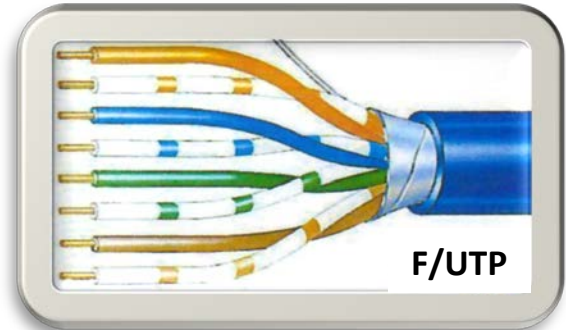
The screened construction ensures virtually zero alien crosstalk. The 10G 6A F/UTP cabling system supports emerging and converging IP applications like Voice

Over IP (VoIP), IP video and future 10 gigabit applications

Conductor: Annealed Copper Wire Solid.

Insulation/Sheath: Polyolefin / PVC.

CODES: CAT6A—CSDACAT6A



Individually and overall shielded is used when crosstalk elimination is required at an extreme

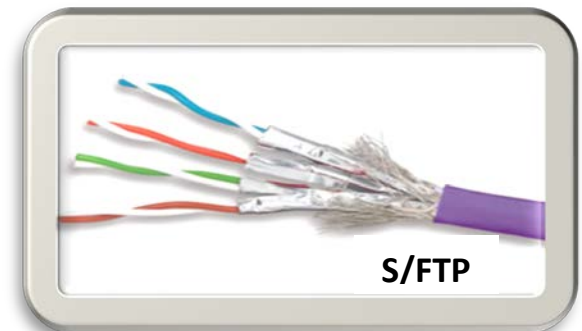
Conductor: Annealed Copper Wire Solid.

Insulation/Sheath: Pairs individually shielded with aluminium-polyester foil Overall tinned-copper

Braid / PVC. {LSZH Options available}

CODES: CAT6A Individually / Overall screen—CSDCAT6AIN

**** CAT 7 Available on request ****



Underground

Cat 5E/6

Conductor: Annealed Copper Wire.

Insulation/Sheath: FTP includes A1 Foil shield and solid 1/0.5 tinned Copper drain wire, Jelly filled and PE Sheath.

CODES: CAT5EUG—CSDC5EJFP.

CAT6 UG – CSDC6JFP(300)

