

TELEPHONE CABLES



CONDUCTOR

0.5, 0.6, 0.71 & 0.9 mm dia or higher sizes of Annealed tinned high conductivity electrolytic solid copper conductors.

INSULATION

Hard Grade PVC Compounds.

COLOUR SCHEME

G/WIR-06/02. May 94,

PAIRS

Insulated conductors, twisted into pairs with varying lays to minimise crosstalk.

CABLE ASSEMBLY

Upto 100 pairs laidup in concentric layers; 200 pair's cable formed by four fifty pairs units stranded together. A polyester tape is wrapped around the cable core. A rip cord, allowing removal of the outer sheath, is laid up beneath. Pairs may be shielded individually or overall with Aluminum polyester tape with copper drain wire.

SHEATHING

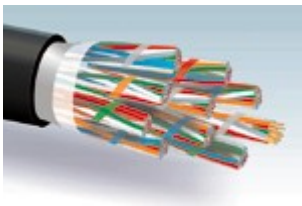
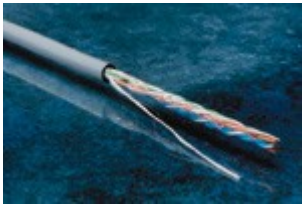
A PVC outer jacket is extruded over the core assembly

SPECIFICATION

ITD No. G/WIR-06/02. May 94, and meet to customers specific requirement.

Colour Identification Of Pairs as Per G/WIR-06/02. May 94

No. Of Pair	Base Color [A]	Color Of DOT [C]	Core Color [B]	No. Of Pair	Base Color [A]	Color Of DOT [C]	Core Color [B]
1	White	-	Blue	51	Orange	Black	Blue
2	"	-	Orange	52	"	"	Orange
3	"	-	Green	53	"	"	Green
4	"	-	Brown	54	"	"	Brown
5	"	-	Grey	55	"	"	Grey
6	Red	-	Blue	56	Yellow	Orange	Blue
7	"	-	Orange	57	"	"	Orange
8	"	-	Green	58	"	"	Green
9	"	-	Brown	59	"	"	Brown
10	"	-	Grey	60	"	"	Grey
11	Black	-	Blue	61	White	Green	Blue
12	"	-	Orange	62	"	"	Orange
13	"	-	Green	63	"	"	Green
14	"	-	Brown	64	"	"	Brown
15	"	-	Grey	65	"	"	Grey
16	Yellow	-	Blue	66	Green	Red	Blue
17	"	-	Orange	67	"	"	Orange
18	"	-	Green	68	"	"	Green
19	"	-	Brown	69	"	"	Brown
20	"	-	Grey	70	"	"	Grey
21	White	Blue	Blue	71	Green	Black	Blue
22	"	"	Orange	72	"	"	Orange
23	"	"	Green	73	"	"	Green
24	"	"	Brown	74	"	"	Brown
25	"	"	Grey	75	"	"	Grey
26	Red	Blue	Blue	76	Yellow	Green	Blue
27	"	"	Orange	77	"	"	Orange
28	"	"	Green	78	"	"	Green
29	"	"	Brown	79	"	"	Brown
30	"	"	Grey	80	"	"	Grey
31	Blue	Black	Blue	81	White	Brown	Blue
32	"	"	Orange	82	"	"	Orange
33	"	"	Green	83	"	"	Green
34	"	"	Brown	84	"	"	Brown
35	"	"	Grey	85	"	"	Grey
36	Yellow	Blue	Blue	86	Red	Brown	Blue
37	"	"	Orange	87	"	"	Orange
38	"	"	Green	88	"	"	Green
39	"	"	Brown	89	"	"	Brown
40	"	"	Grey	90	"	"	Grey
41	White	Orange	Blue	91	Brown	Black	Blue
42	"	"	Orange	92	"	"	Orange
43	"	"	Green	93	"	"	Green
44	"	"	Brown	94	"	"	Brown
45	"	"	Grey	95	"	"	Grey
46	Orange	Red	Blue	96	Yellow	Brown	Blue
47	"	"	Orange	97	"	"	Orange
48	"	"	Green	98	"	"	Green
49	"	"	Brown	99	"	"	Brown
50	"	"	Grey	100	"	"	Grey



Size Of Conductor		Max. Conductor Resistance At 20 Deg C	Minimum Elongation Of Conductor	Radial Thickness Of PVC Insulation	Maximum External Dia Of Insulated Conductors
Minimum	Nominal				
0.49	0.50	92.20	15	0.20 +0.05 -0.02	1.00
0.59	0.60	64.00	15	0.20 +0.05 -0.02	1.00