

# COPPER INDOOR CABLES



## CABLE COMPOSITION

### CONDUCTORS

Plain annealed copper

### INSULATION

Polyvinyl Chloride (PVC)

### TWINNING

Two insulated conductors are twisted together to form a pair  
(Two pair cables are also available in quad formation)

### CABLE CORE STRANDING

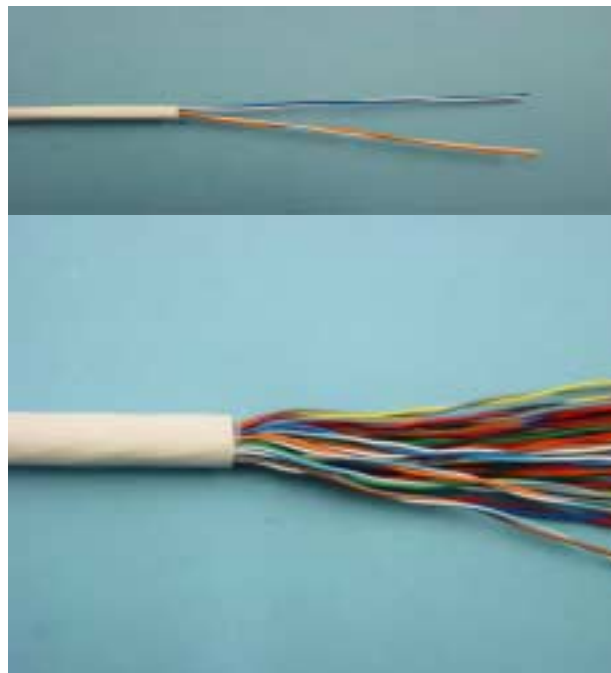
Pairs are stranded into a compact and symmetrical cable core

### CORE WRAPPING

The cable core may be covered with a layer of polyester tape  
(For manufacturing purposes only)

### SHEATH

White coloured Polyvinyl Chloride (PVC)  
(Other colours are available on request)



## ELECTRICAL CHARACTERISTICS

Conductor Diameter	ELECTRICAL CHARACTERISTICS			
	Conductor Resistance (Max Average @ 20° C) Ω/km	Mutual Capacitance (Nominal) nF/km	Capacitance Unbalance Pair to Pair (Maximum) pF/500m	Insulation Resistance (Minimum) MΩ.km
0.5mm	91.3	90	400	50

## ORDERING INFORMATION

CABLE SIZE	PART CODE	STANDARD PACKING	CABLE SIZE	PART CODE	STANDARD PACKING
1 Pair	K500297	500m Reel	20 Pair	K500287	500m Drum
2 Pair	K500298	500m Reel	25 Pair	K500172	500m Drum
1 Quad (4 Wire)	K500270	500m Reel	30 Pair	K500267	500m Drum
3 Pair	K500295	500m Reel	40 Pair	K500288	500m Drum
4 Pair	K500299	500m Reel	50 Pair	K500268	500m Drum
6 Pair	K500296	500m Reel	75 Pair	K500301	500m Drum
10 Pair	K500272	500m Drum	100 Pair	K500289	500m Drum
15 Pair	K500266	500m Drum			

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