

MK-FOUR 10-30 Pairs 0.50MM TELEPHONE CABLE



APPLICATION

- Designed to be used in ducts. Cables with 0.5mm conductor diameter are used for distribution network.

FEATURES

- Plain annealed copper wire conductor
- High grade PVC insulation

SPECIFICATIONS

Part No.	MK4-10250	MK4-16100	MK4-20250	MK4-30500
Length	250m / Roll	100m / Roll	250m / Roll	500m / Reel
Stranding Unit	10 pairs	16 pairs	20 pairs	30 pairs
Conductor	Plain Annealed Copper Wire			
Insulation	High Grade PVC			
Twisting	Two or three insulated conductors are twisted into a pair or triplex			
Laid-up	Unit are laid-up into a compact and symmetrical cable core			
Sheath	Grey color PVC TM1			

ELECTRICAL & MECHANICAL CHARACTERISTICS

Conductor							
Conductor Diameter		Resistance per km At 20°C		Elongation After Removal From Cable	Mutual Capacitance	Capacitance Unbalance Pair to Pair	Insulation Resistance
Nom.	Max.	Max. Average	Max. for 99% of Cases	Min.	Max. Ave.	Max.	Min.
mm	mm	Ohm	Ohm	%	nF/ km	pF/ 500m	Mohm. Km
0.50	0.505	91	96	15	90	275	300
0.63	0.637	58	60	20	100	275	300

PVC / PVC INTERNAL TELEPHONE CABLE

Construction Data

Conductor		PVC		Cable		Packing	
Construction		Insulation Thickness	Min. Sheath Thickness	Overall Diameter	Approx. Weight	Length per Coil	Length per Drum
Size	No. of Pairs						
mm		mm	mm	mm	kg/ km	m	m
0.50	10	0.25	0.75	8.3	86	250	-
0.50	16	0.25	1.0	9.5	126	100	-
0.50	20	0.25	1.0	11.5	165	250	-
0.50	30	0.25	1.0	13.5	230	-	500
0.50	50	0.25	1.5	17.7	390	-	500
0.63	10	0.25	0.75	9.1	110	250	-
0.63	20	0.25	1.0	12.6	220	250	-
0.63	30	0.25	1.0	14.9	310	-	500
0.63	50	0.25	1.5	19.6	530	-	500
0.63	100	0.25	2.0	26.8	1030	-	1000

Color of Binder Tape

Unit Number	Color of Binder
1	Blue
2	Orange
3	Green
4	Brown
5	Grey
6	Blue – White
7	Orange – White
8	Green – White
9	Brown – White
10	Grey – White

Insulation Colors of Conductors

Pair No.	Color of Conductor Insulation			
	A – Wire	B – Wire		
1	White	Blue	First 5 pair sub-unit	10 pair unit
2	White	Orange		
3	White	Green		
4	White	Brown		
5	White	Grey		
6	Red	Blue	Second 5 pair sub-unit	
7	Red	Orange		
8	Red	Green		
9	Red	Brown		
10	Red	Grey		

Cable Make-up

