

# MK-FOUR 10 or 20 PAIRS 0.63MM JELLY FILLED TELEPHONE CABLE

## APPLICATION

- Designed to be used in outskirts of the cities and in rural areas for aerial application, 0.6mm conductor diameter are used for long distance network.



## FEATURES

- 10 or 20 twisted pair
- Plain annealed copper wire conductor
- High grade PE insulation
- Fully-filled with petroleum jelly
- Black linear-low density or medium-density polyethylene compound outer sheath

## SPECIFICATIONS

Part No.	MK4-10500JB	MK4-101000JB	MK4-20500JB
Length	500m / Reel	1000m / Reel	500m / Reel
Stranding Unit	10 Pairs	10 Pairs	20 Pairs
Conductor	Electrolytic copper conductor		
Shield Material	Aluminum foils protected with PE lamination on side		
Insulation	Solid polyethylene insulation		
Sheath	Black linear-low density or medium-density polyethylene compound outer sheath		

## TECHNICAL DATA

Electrical Properties	Conductor Diameter (mm)			
	0.4	0.5	0.6	0.9
<b>Conductor Resistance 20 °C (<math>\Omega</math>/ km)</b>				
Maximum Average	139.4	89.4	62.1	27.6
Maximum Individual	146.6	93.0	64.6	28.8
<b>Mutual Capacitance 800 Hz (Nf/ km)</b>				
Maximum Average	50	50	45	45
Maximum Individual	56	56	51	51
<b>Capacitance Unbalance (Pf/ 500m)</b>				
<b>Between Pairs</b>				
Maximum Average	125	125	60	60
Maximum Individual	500	500	325	325
<b>Between Adjacent Quads</b>				
Maximum Average	125	125	60	60
Maximum Individual	375	375	370	370
<b>To Ground</b>				
Maximum Average	500	500	325	325
Maximum Individual	2000	2000	1300	1300
<b>Insulation Resistance (Megaohm-km)</b>				
500 V DC	10000	10000	10000	10000
<b>Dielectric Strength</b>				
DC Voltage 1 minute				
Pair-Pair	1400	1400	2000	3000
Pair-Ground				
DC Voltage 3 seconds	1400	1400	2000	3000
Pairs-Screen	9000	9000	9000	9000

## SHORT DISTANCE CABLES

Conductor Diameter (mm)	Number of Pairs	App. Overall Diameter (mm)		App. Weight (kg/ km)	Standard Reel Length (m)
0.4	6	7.20	8.50	146	1000-2000
0.4	10	6.90	9.40	167	1000-2000
0.4	20	9.70	11.4	215	1000-2000
0.4	30	10.3	21.3	266	1000-2000
0.4	50	12.2	23.5	369	1000
0.4	100	15.7	27.9	604	1000
0.4	150	19.2	31.9	859	500
0.4	200	21.0	36.9	1114	500
0.5	6	7.20	9.90	166	1000-2000
0.5	10	8.60	19.8	217	1000-2000
0.5	20	11.1	22.4	285	1000-2000
0.5	30	12.3	23.8	359	1000-2000
0.5	50	7.20	26.3	507	1000
0.5	100	7.20	31.0	853	500
0.5	150	23.6	31.3	1258	500
0.5	200	25.6	41.9	1545	500

## LONG DISTANCE CABLES

Conductor Diameter (mm)	Number of Pairs	App. Overall Diameter (mm)		App. Weight (kg/ km)	Standard Reel Length (m)
0.63	6	7.20	18.9	188	1000-2000
0.63	10	9.70	21.0	247	500-1000
0.63	20	14.4	24.1	343	500
0.63	30	14.2	26.1	470	1200
0.63	50	16.8	29.5	662	1200
0.63	100	18.9	38.3	1190	500
0.63	150	12.6	44.1	1682	400
0.63	200	30.9	48.6	2156	400
0.9	6	9.90	21.1	281	1000-2000
0.9	10	13.0	24.3	357	1200
0.9	20	18.3	30.0	574	1200
0.9	30	20.2	33.1	822	800
0.9	50	24.7	40.5	1248	800
0.9	100	27.9	51.3	2286	400