

# 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.	MK4-101000JB	MK4-20500JB
Length	1000m / Reel	500m / Reel
Stranding Unit	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)	
	0.5	0.6
<b>Conductor Resistance 20 °C (<math>\Omega</math>/ km)</b>		
Maximum Average	89.4	62.1
Maximum Individual	93.0	64.6
<b>Mutual Capacitance 800 Hz (Nf/ km)</b>		
Maximum Average	50	45
Maximum Individual	56	51
<b>Capacitance Unbalance (Pf/ 500m)</b>		
<b>Between Pairs</b>		
Maximum Average	125	60
Maximum Individual	500	325
<b>Between Adjacent Quads</b>		
Maximum Average	125	60
Maximum Individual	375	370
<b>To Ground</b>		
Maximum Average	500	325
Maximum Individual	2000	1300
<b>Insulation Resistance (Megaohm-km)</b>		
500 V DC	10000	10000
<b>Dielectric Strength</b>		
DC Voltage 1 minute		
Pair-Pair	1400	2000
Pair-Ground		
DC Voltage 3 seconds	1400	2000
Pairs-Screen	9000	9000

**SHORT DISTANCE CABLES**

Conductor Diameter (mm)	Number of Pairs	App. Overall Diameter (mm)		App. Weight (kg/ km)	Standard Reel Length (m)
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

**LONG DISTANCE CABLES**

Conductor Diameter (mm)	Number of Pairs	App. Overall Diameter (mm)		App. Weight (kg/ km)	Standard Reel Length (m)
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	29.0	662	1200