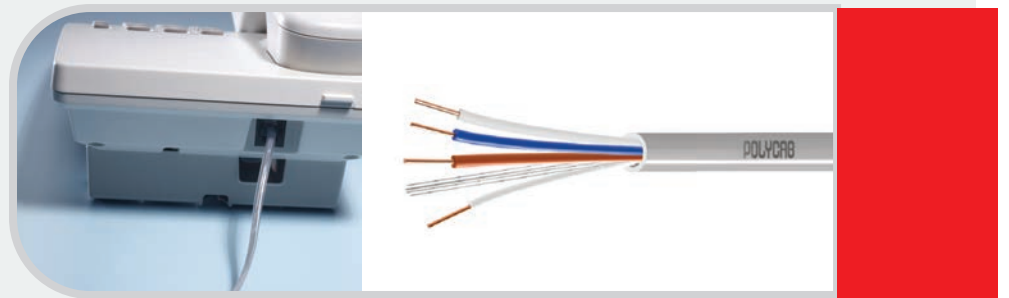


# POLYCAB

IDEAS. CONNECTED.

## Dial Polycab for clearer conversations

State-of-the-Art Telephone Wire Range



<b>Product:</b>	Telephone(Switchboard) cables
<b>Reference to standard:</b>	ITD specifications GR / WIR06 / 03 and Polycab specifications
<b>IS licence no.:</b>	Not applicable
<b>Copper type:</b>	Drawn from 8mm wire rod-electrolytic cathode grade of 9.97% purity
<b>Reference to IS standard for conductors</b>	IS 8130 :1984 with latest amendments
<b>Conductor construction and type for all sizes:</b>	Single solid in 0.4mm and 0.5mm conductor size
<b>Conductor construction and type</b>	
<b>Manufactured against order:</b>	Single solid in 0.6mm and 0.9 mm conductorsize
<b>Standard insulation base:</b>	Special grade high density polyethylene
<b>Standard jacketing Base:</b>	Jacketing of FR (Flame Retardant) PVC compound made from virgin grade PVC resin
<b>Insulation type for all sizes:</b>	Single coloured pressure extrusion
<b>Jacketing type for all pairs:</b>	Generally tubular extrusion
<b>Rip cord:</b>	Nylon

Standard conductor sizes (Nominal dia in mm)	0.4	0.5			
Conductor construction of:	Single solid	Single solid			
Maximum conductor resistance (per km. at 20 deg. C in Ohms):	143	92.2			
Nominal insulation thickness of wire (in mm):	0.2	0.2			
Nominal overall diameter of insulated wire (in mm):	0.82	0.92			
Maximum Mutual capacitance (per km in nF):	50	50			
Minimum insulation resistance in air (per km in mega ohms):	5000	5000			
Maximum capacitance unbalance pair to pair (per km in pf):	230	230			
Overall diameter of jacketed cable (+/- 2% in mm) for:					
1 pair	2.65	2.75			
2 pair	3.70	3.75			
3 pair	4.00	4.25			
4 pair	4.50	5.50			
5 pair	5.10	5.75			
Standard lengths supplied in (in meters):	100	100			
Standard lengths packed in	Mono-Carton	Mono-Carton			
Maximum weights of individual cartons (in kgs.) for					
1 pair	0.7	1.1			
2 pair	1.1	1.6			
3 pair	1.5	2.1			
4 pair	1.8	2.4			
5 pair	2.2	3			
Colour combination for	Pair 1	Pair 2	Pair 3	Pair 4	Pair 5
1 pair	White-Blue				
2 pair	White- Blue	White-Orange			
3 pair	White- Blue	White-Orange	White-Green		
4 pair	White- Blue	White-Orange	White-Green	White-Brown	
5 pair	White- Blue	White-Orange	White-Green	White-Brown	White-Grey

**Standard printing on cables:**

Standard colours of sheathing available in each size:

Non-standard colours made against bulk orders:

Process highlights:

**Salient features:**

**Packaging details:**

a) Mono-carton for 100 metres coil

b) Master carton for standard Pack of 100 metres coils

POLYCAB-TEL NO. OF PAIR X DIAMETER OF CONDUCTOR IN MM - POLYCAB DAMAN

Grey

As required

On-line wire drawing and annealing

Low attenuation, low cross talk and fire retardant jacket

Individual coils of 100 metres packed in 4-colour printed 3-ply corrugated Mono-Carton

Master pack of coils of 100 metres packed in 2-colour printed 5-ply corrugated Master-Carton

\*Note : The conductor construction given above is indicative only and will be such that all requirements of strands, diameter and resistance of conductor as per Referred Standards are met.  
Disclaimer: The above data is indicative only and is subject to revision without prior notice. POLYCAB will not be liable for any damages arising out of incorrect application of its products

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