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Sr.No.	Description	Unit	1C X 16 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	16		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR Type IE2		
ii	Nominal Thickness	mm	1.2		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	1.9		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	11.5		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	1.24		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No. Description Unit 1C X 25 SQ.MM Manufacturer Name Polycab India Ltd Rated Voltage V 2 1100V Reference Standard As per IS: 9968 - Part-1 3 4 No of Cores Nos CONDUCTOR 5 Material (As Per IS: 8130) i Annealed Tinned Copper Flexibility Class (as per IS: 8130) ii Class 5 25 iii Nominal cross section area SQ.MM Flexible Circular iv INSULATION 6 i Material (As Per IS: 6380) EPR, Type IE2 ii Nominal Thickness 1.4 mm Core Identification iii Black 7 Outer sheath i Material (As Per IS: 6380) Elastomeric Compound Type SE4 2.0 ii Nominal thickness mm iii Colour of sheath Black 8 Approx. Overall diameter of cable 14.0 mm YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length 9 Marking marking **Electrical Properties** 10 Maximum d.c. resistance at 20° C (as per IS: i Ohm/km 0.795 Min. Insulation Resistance constant at 27 ±2°C $M\Omega$.KM ii 3670 Max. conductor temp. under normal operating °C 90°C 11 conditions Max conductor temp at the termination of short 12 °C 250°C **Physical Properties** 13 i Heat resisting Yes ii Minimum bending radius 12 x Outer diameter

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Sr.No.	Description	Unit	1C X 35 SQ.MM			
1	Manufacturer Name		Polycab India Ltd			
2	Rated Voltage	V	1100V			
3	Reference Standard		As per IS: 9968 - Part-1			
4	No of Cores	Nos	1			
5	CONDUCTOR					
i	Material (As Per IS: 8130)		Annealed Tinned Copper			
ii	Flexibility Class (as per IS: 8130)		Class 5			
iii	Nominal cross section area	SQ.MM	35			
iv	s		Flexible Circular			
6	INSULATION					
i	Material (As Per IS: 6380)		EPR, Type IE2			
ii	Nominal Thickness	mm	1.4			
iii	Core Identification		Black			
7	Outer sheath					
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4			
ii	Nominal thickness	mm	2.2			
iii	Colour of sheath		Black			
8	Approx. Overall diameter of cable	mm	15.5			
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking			
10	Electrical Properties					
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.565			
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670			
11	Max. conductor temp. under normal operating conditions	°C	90°C			
12	Max conductor temp at the termination of short circuit	°C	250°C			
13	Physical Properties					
i	Heat resisting		Yes			
ii	Minimum bending radius		12 x Outer diameter			

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Sr.No.	Description	Unit	1C X 50 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	50		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR, Type IE2		
ii	Nominal Thickness	mm	1.6		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	2.4		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	17.5		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.393		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No.	Description	Unit	1C X 70 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	70		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR, Type IE2		
ii	Nominal Thickness	mm	1.6		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	2.6		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	19.5		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.277		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No.	Description	Unit	1C X 95 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	95		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR, Type IE2		
ii	Nominal Thickness	mm	1.8		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	2.8		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	21.5		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.210		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No.	Description	Unit	1C X 120 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	120		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR, Type IE2		
ii	Nominal Thickness	mm	1.8		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	3.0		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	24.0		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.164		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No.	Description	Unit	1C X 150 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	150		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR, Type IE2		
ii	Nominal Thickness	mm	2.0		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	3.2		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	26.5		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.132		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No.	Description	Unit	1C X 185 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	185		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR, Type IE2		
ii	Nominal Thickness	mm	2.2		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	3.4		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	29.0		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.108		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No.	Description	Unit	1C X 240 SQ.MM		
1	Manufacturer Name		Polycab India Ltd		
2	Rated Voltage	V	1100V		
3	Reference Standard		As per IS: 9968 - Part-1		
4	No of Cores	Nos	1		
5	CONDUCTOR				
i	Material (As Per IS: 8130)		Annealed Tinned Copper		
ii	Flexibility Class (as per IS: 8130)		Class 5		
iii	Nominal cross section area	SQ.MM	240		
iv	s		Flexible Circular		
6	INSULATION				
i	Material (As Per IS: 6380)		EPR, Type IE2		
ii	Nominal Thickness	mm	2.4		
iii	Core Identification		Black		
7	Outer sheath				
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4		
ii	Nominal thickness	mm	3.5		
iii	Colour of sheath		Black		
8	Approx. Overall diameter of cable	mm	32.0		
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking		
10	Electrical Properties				
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.0817		
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670		
11	Max. conductor temp. under normal operating conditions	°C	90°C		
12	Max conductor temp at the termination of short circuit	°C	250°C		
13	Physical Properties				
i	Heat resisting		Yes		
ii	Minimum bending radius		12 x Outer diameter		

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Sr.No.	Description	Unit	1C X 300 SQ.MM
1	Manufacturer Name		Polycab India Ltd
2	Rated Voltage	V	1100V
3	Reference Standard		As per IS: 9968 - Part-1
4	No of Cores	Nos	1
5	CONDUCTOR		
i	Material (As Per IS: 8130)		Annealed Tinned Copper
ii	Flexibility Class (as per IS: 8130)		Class 5
iii	Nominal cross section area	SQ.MM	300
iv	s		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	2.6
iii	Core Identification		Black
7	Outer sheath		
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4
ii	Nominal thickness	mm	3.5
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	34.5
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking
10	Electrical Properties		
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.0654
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670
11	Max. conductor temp. under normal operating conditions	°C	90°C
12	Max conductor temp at the termination of short circuit	°C	250°C
13	Physical Properties		
i	Heat resisting		Yes
ii	Minimum bending radius		12 x Outer diameter

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Sr.No.	Description	Unit	1C X 400 SQ.MM
1	Manufacturer Name		Polycab India Ltd
2	Rated Voltage	V	1100V
3	Reference Standard		As per IS: 9968 - Part-1
4	No of Cores	Nos	1
5	CONDUCTOR		
i	Material (As Per IS: 8130)		Annealed Tinned Copper
ii	Flexibility Class (as per IS: 8130)		Class 5
iii	Nominal cross section area	SQ.MM	400
iv	s		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	2.8
iii	Core Identification		Black
7	Outer sheath		
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4
ii	Nominal thickness	mm	3.8
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	39.0
9	Marking		YEAR OF MANUFACTURE POLYCAB 1100V HR 90 CABLE SIZE with Sequential length marking
10	Electrical Properties		
i	Maximum d.c. resistance at 20° C (as per IS: 8130)	Ohm/km	0.0495
ii	Min. Insulation Resistance constant at 27 ±2°C	MΩ.KM	3670
11	Max. conductor temp. under normal operating conditions	°C	90°C
12	Max conductor temp at the termination of short circuit	°C	250°C
13	Physical Properties		
i	Heat resisting		Yes
ii	Minimum bending radius		12 x Outer diameter

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