

Sr.No.	Description	Unit	2C X 1.5 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	2
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	1.5
iv	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR Type IE2
ii	Nominal Thickness	mm	0.8
iii	Core Identification		Red & Black
iv	Laying up of elements		Cores shall be laid up suitably
7	Outer sheath		
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE3
ii	Nominal thickness	mm	1.0
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	9.0
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	13.70
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

Sr.No.	Description	Unit	2C X 2.5 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	2
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	2.5
iv	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	0.9
iii	Core Identification		Red & Black
iv	Laying up of elements		Cores shall be laid up suitably
7	Outer sheath		
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE3
ii	Nominal thickness	mm	1.1
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	10.5
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	8.21
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

Sr.No.	Description	Unit	2C X 4 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	2
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	4
iv	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.0
iii	Core Identification		Red & Black
iv	Laying up of elements		Cores shall be laid up suitably
7	Outer sheath		
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE3
ii	Nominal thickness	mm	1.2
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	12.0
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	5.09
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

Sr.No.	Description	Unit	2C X 6 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	2
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	6
iv	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.0
iii	Core Identification		Red & Black
iv	Laying up of elements		Cores shall be laid up suitably
7	Outer sheath		
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4
ii	Nominal thickness	mm	2.0
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	14.5
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	3.39
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

Sr.No.	Description	Unit	2C X 10 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	2
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	10
iv	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.2
iii	Core Identification		Red & Black
iv	Laying up of elements		Cores shall be laid up suitably
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	18.0
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	1.95
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

Sr.No.	Description	Unit	2C 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	2
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.2
iii	Core Identification		Red & Black (By colour or coloured tape)
iv	Laying up of elements		Cores shall be laid up suitably
7	Outer sheath		
i	Material (As Per IS: 6380)		Elastomeric Compound Type SE4
ii	Nominal thickness	mm	2.5
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	21.0
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	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