

Sr.No.	Description	Unit	3C 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	3
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 & Green
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	9.5
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	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	3C 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	3
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 & Green
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	11.0
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	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	3C 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	3
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 & Green
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	12.5
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	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	3C 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	3
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, Yellow & Blue
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	2.1
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	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	3C 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	3
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, Yellow & Blue
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	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	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	3C 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	3
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, Yellow & Blue (By colour or by 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	2.7
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	23.0
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

Sr.No.	Description	Unit	3C X 25 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	3
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	25
iv	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.4
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	3.3
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	28.5
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	0.795
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	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.4
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	3.4
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	30.5
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.6
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	3.6
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	0.393
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.6
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	3.7
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	39.5
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.8
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	4.0
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	45.0
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	0.210
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	1.8
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	4.1
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	48.0
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	2.0
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	4.3
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	52.5
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	2.2
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	4.5
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	57.5
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	0.108
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	2.4
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	4.8
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	64.5
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	0.0817
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	2.6
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	5.1
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	70.5
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

Sr.No.	Description	Unit	3C 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	3
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	Shape of conductor		Flexible Circular
6	INSULATION		
i	Material (As Per IS: 6380)		EPR, Type IE2
ii	Nominal Thickness	mm	2.8
iii	Core Identification		Red, Yellow & Blue (By colour or by 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	5.4
iii	Colour of sheath		Black
8	Approx. Overall diameter of cable	mm	79.0
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