

## POLYCAB RUBBER INSULATED FLEXIBLE ELASTOMERIC CABLE CONFORMING TO IS 9968-1.



Polycab offers a comprehensive range of Rubber flexible cable conforming to IS 9968-1 for various application.

The highly flexible and robust Polycab Rubber cable makes its use in portable electrical equipment and devices. The mechanical force involved in moving apparatus requires cables to withstand high degree of wear and tear, extreme weather condition, oil/grease prone area and high heat zone. These flexible rubber cables are also suitable for wide range of application in lighting, appliances or equipment including heavy industrial equipment requires flexible connection to power supply.

**Conductor:** High conductivity solid or stranded or bunched & tin coated copper conductor produced in-house from state-of-the art Machine.

**Separator:** Proofed cotton tape/Polyester tape will be applied between conductor and insulation (optional).

**Insulation:** In-house developed cross linked elastomeric compound ethylene propylene rubber (EPR).

**Bedding:** Bedding of zero halogen elastomeric compound or elastomeric compound

**Braiding:** Magnetic or non-magnetic wire braiding or glass fibre braiding or textile braiding

**Sheath:** In-house developed cross linked elastomeric sheathing polychloroprene (PCP) or chlorosulphonated polyethylene (CSP) or Heat & oil resistant flame retardant (HOFR) or NBR-PVC or SE4

The construction is based on the application and requirement of the user against IS 9968 or generally conforming to IS 9968-1.



[POLYCAB RR-C, IS 9968-1 - Rubber power Cable, 1100 V AC](#)



[POLYCAB RR-P, IS 9968-1 - Rubber power Cable, 1100 V AC](#)



[POLYCAB RR-E, IS 9968-1 - Rubber power Cable, 1100 V AC](#)



[POLYCAB RR-C MC, IS 9968-1 - Rubber control Cable, 1100 V AC](#)



[POLYCAB RR-E MC, IS 9968-1 - Rubber control Cable, 1100 V AC](#)



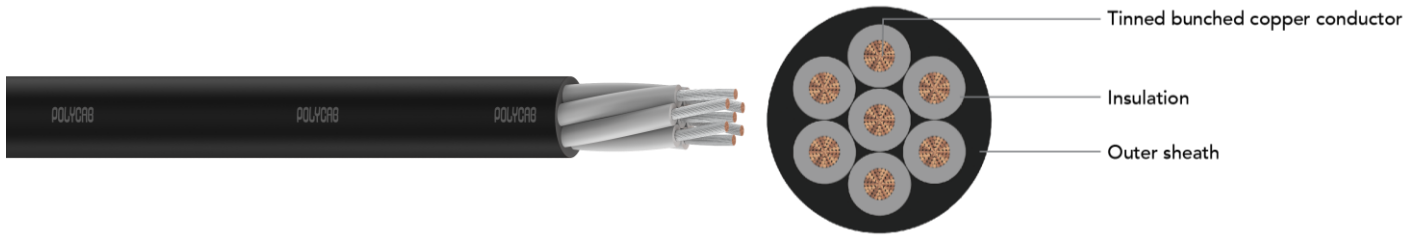
[POLYCAB RR-P MC, IS 9968-1 - Rubber control Cable, 1100 V AC](#)



[POLYCAB RR \(Reinforced\), IS 9968-1 - Rubber Power and Control Cable, 1100 V AC](#)

# POLYCAB RR-E MC, IS 9968-1

## Rubber control Cable, 1100 V AC



### Application

POLYCAB RR-E MC, IS 9968-1 tinned copper conductor, EPR insulated and CPE sheathed cable conforming to IS 9968-1 is designed to use for fixed wiring, single phase or three phase (earthed or unearthed) system for rated voltage up to and including 1100 V. These cables may be used on DC system for rated voltage grade 1500 V to earth. Suitable to use in elevator, lifts, cranes, mines, heater leads and electric iron leads etc.

### Voltage Rating

1100 V

### Operation Temperature

Fixed: -40°C to 90°C

Maximum short circuit temperature 250°C

### Construction

- Annealed tinned electrolytic grade copper conductor to IS 8130, class 5
- Insulated by elastomer compound IE 2 to IS 6380
- Sheathed with elastomeric compound CPE (Chlorinated polyethylene) as per IS 6380.

### Core Identification

Single core	Red/Black/White/Yellow/Blue
Twin core	Red, Black
Three core	Red, Yellow, Blue
Four core	Red, Yellow, Blue, Green
Five core	Red, Yellow, Blue, Black, Green
More than Five core	Grey with Black numbering

### Bending Radii

Fixed installation	>12 x Overall Diameter
Occasional	>10 x Overall Diameter

### Standard and References

IS 8130:2013

IS 6380:1984\*

IS 9968:1988

### Test Voltage

3000 V AC

### Compliance

Conductor resistance test	IS 8130
Insulation resistance	IS 6380:1984*
Flammability	IEC 60332-1-2

### Approval



### OUR ACCREDITATION



## POLYCAB RR-E MC, IS 9968-1

### Rubber control Cable, 1100 V AC

Product Code	Nominal cross sectional area	No. of core	Nominal thickness of insulation	Overall diameter
	mm <sup>2</sup>		mm	
RCIS09TRUARE002C1.5SA002S	1.5	2	0.8	8
RCIS09TRUARE003C1.5SA002S	1.5	3	0.8	8.5
RCIS09TRUARE004C1.5SA002S	1.5	4	0.8	9.5
RCIS09TRUARE005C1.5SA002S	1.5	5	0.8	10.5
RCIS09TRUARE006C1.5SA002S	1.5	6	0.8	11.5
RCIS09TRUARE007C1.5SA002S	1.5	7	0.8	11.5
RCIS09TRUARE008C1.5SA002S	1.5	8	0.8	12.5
RCIS09TRUARE010C1.5SA002S	1.5	10	0.8	16
RCIS09TRUARE012C1.5SA002S	1.5	12	0.8	16.5
RCIS09TRUARE014C1.5SA002S	1.5	14	0.8	17.5
RCIS09TRUARE016C1.5SA002S	1.5	16	0.8	18.5
RCIS09TRUARE019C1.5SA002S	1.5	19	0.8	19.5
RCIS09TRUARE020C1.5SA002S	1.5	20	0.8	20.5
RCIS09TRUARE024C1.5SA002S	1.5	24	0.8	23
RCIS09TRUARE025C1.5SA002S	1.5	25	0.8	23
RCIS09TRUARE027C1.5SA002S	1.5	27	0.8	23.5
RCIS09TRUARE030C1.5SA002S	1.5	30	0.8	24
RCIS09TRUARE036C1.5SA002S	1.5	36	0.8	27
RCIS09TRUARE037C1.5SA002S	1.5	37	0.8	27
RCIS09TRUARE002C2.5SA002S	2.5	2	0.9	9.5
RCIS09TRUARE003C2.5SA002S	2.5	3	0.9	10
RCIS09TRUARE004C2.5SA002S	2.5	4	0.9	11.5
RCIS09TRUARE005C2.5SA002S	2.5	5	0.9	12.5
RCIS09TRUARE006C2.5SA002S	2.5	6	0.9	13.5
RCIS09TRUARE007C2.5SA002S	2.5	7	0.9	13.5
RCIS09TRUARE008C2.5SA002S	2.5	8	0.9	16
RCIS09TRUARE010C2.5SA002S	2.5	10	0.9	19
RCIS09TRUARE012C2.5SA002S	2.5	12	0.9	19.5
RCIS09TRUARE014C2.5SA002S	2.5	14	0.9	20.5
RCIS09TRUARE016C2.5SA002S	2.5	16	0.9	20.5
RCIS09TRUARE019C2.5SA002S	2.5	19	0.9	23
RCIS09TRUARE020C2.5SA002S	2.5	20	0.9	24.5
RCIS09TRUARE024C2.5SA002S	2.5	24	0.9	27.5
RCIS09TRUARE025C2.5SA002S	2.5	25	0.9	27.5
RCIS09TRUARE027C2.5SA002S	2.5	27	0.9	28
RCIS09TRUARE030C2.5SA002S	2.5	30	0.9	30
RCIS09TRUARE036C2.5SA002S	2.5	36	0.9	32
RCIS09TRUARE037C2.5SA002S	2.5	37	0.9	32

#### OUR ACCREDITATION



# POLYCAB RR-E MC, IS 9968-1

## Rubber control Cable, 1100 V AC

### Electrical characteristics

Current carrying capacity and maximum DC conductor resistance.

Nominal cross-sectional area mm <sup>2</sup>	Current carrying capacity		Maximum DC conductor resistance at 20°C Ω/km
	Single phase ac Amp.	Three Phase ac Amp.	
1.5	16	16	13.7
2.5	25	20	8.21

Ambient temperature: 30°C

Conductor operating temperature: 90°C

### De-Rating Factor

De-rating factor for thermoplastic or thermosetting insulated cable

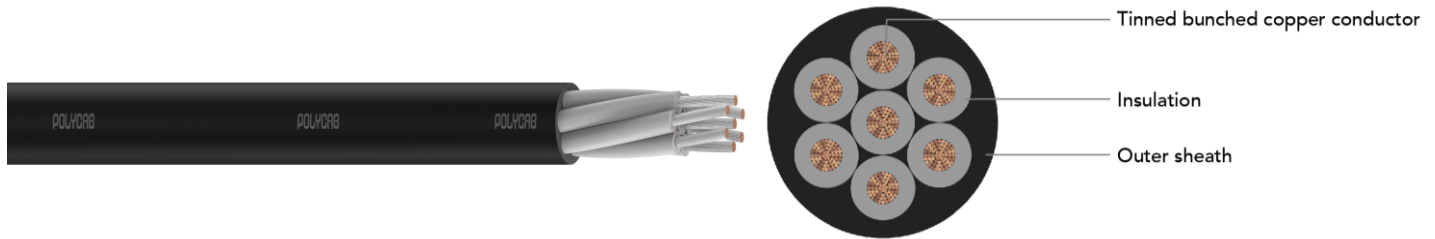
Ambient temperature	35°C to 50°C	55°C	60°C	65°C	70°C
Rating Factor	1	0.96	0.83	0.67	0.47

### OUR ACCREDITATION



# POLYCAB RR-C MC, IS 9968-1

## Rubber control Cable, 1100 V AC



### Application

POLYCAB RR-C MC, IS 9968-1 tinned copper conductor, EPR insulated and CPE sheathed cable conforming to IS 9968-1 is designed to use for fixed wiring, single phase or three phase (earthed or unearthed) system for rated voltage up to and including 1100 V. These cables may be used on DC system for rated voltage grade 1500 V to earth. Suitable to use where chemical resistance is prime importance.

### Voltage Rating

1100 V

### Operation Temperature

Fixed: -40°C to 90°C

Maximum short circuit temperature 250°C

### Construction

- Annealed tinned electrolytic grade copper conductor to IS 8130, class 5
- Insulated by elastomer compound IE 2 to IS 6380
- Sheathed with elastomeric compound CSP (Chlorosuphonated polyethylene) as per IS 6380.

### Core Identification

Single core	Red/Black/White/Yellow/Blue
Twin core	Red, Black
Three core	Red, Yellow, Blue
Four core	Red, Yellow, Blue, Green
Five core	Red, Yellow, Blue, Black, Green
More than Five core	Black with white numbering

### Bending Radii

Fixed installation	>12 x Overall Diameter
Occasional	>10 x Overall Diameter

### Standard and References

IS 8130:2013  
IS 6380:1984\*  
IS 9968:1988

### Test Voltage

3000 V AC

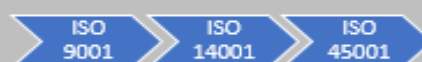
### Compliance

Conductor resistance test	IS 8130
Insulation resistance	IS 6380:1984*
Flammability	IEC 60332-1-2

### Approval



### OUR ACCREDITATION



## POLYCAB RR-C MC, IS 9968-1

### Rubber control Cable, 1100 V AC

Product Code	Nominal cross sectional area	No. of core	Nominal thickness of insulation	Overall diameter
	mm <sup>2</sup>		mm	
RCIS09TRUARC002C1.5SA002S	1.5	2	0.8	8
RCIS09TRUARC003C1.5SA002S	1.5	3	0.8	8.5
RCIS09TRUARC004C1.5SA002S	1.5	4	0.8	9.5
RCIS09TRUARC005C1.5SA002S	1.5	5	0.8	10.5
RCIS09TRUARC006C1.5SA002S	1.5	6	0.8	11.5
RCIS09TRUARC007C1.5SA002S	1.5	7	0.8	11.5
RCIS09TRUARC008C1.5SA002S	1.5	8	0.8	12.5
RCIS09TRUARC010C1.5SA002S	1.5	10	0.8	16
RCIS09TRUARC012C1.5SA002S	1.5	12	0.8	16.5
RCIS09TRUARC014C1.5SA002S	1.5	14	0.8	17.5
RCIS09TRUARC016C1.5SA002S	1.5	16	0.8	18.5
RCIS09TRUARC019C1.5SA002S	1.5	19	0.8	19.5
RCIS09TRUARC020C1.5SA002S	1.5	20	0.8	20.5
RCIS09TRUARC024C1.5SA002S	1.5	24	0.8	23
RCIS09TRUARC025C1.5SA002S	1.5	25	0.8	23
RCIS09TRUARC027C1.5SA002S	1.5	27	0.8	23.5
RCIS09TRUARC030C1.5SA002S	1.5	30	0.8	24
RCIS09TRUARC036C1.5SA002S	1.5	36	0.8	27
RCIS09TRUARC037C1.5SA002S	1.5	37	0.8	27
RCIS09TRUARC002C2.5SA002S	2.5	2	0.9	9.5
RCIS09TRUARC003C2.5SA002S	2.5	3	0.9	10
RCIS09TRUARC004C2.5SA002S	2.5	4	0.9	11.5
RCIS09TRUARC005C2.5SA002S	2.5	5	0.9	12.5
RCIS09TRUARC006C2.5SA002S	2.5	6	0.9	13.5
RCIS09TRUARC007C2.5SA002S	2.5	7	0.9	13.5
RCIS09TRUARC008C2.5SA002S	2.5	8	0.9	16
RCIS09TRUARC010C2.5SA002S	2.5	10	0.9	19
RCIS09TRUARC012C2.5SA002S	2.5	12	0.9	19.5
RCIS09TRUARC014C2.5SA002S	2.5	14	0.9	20.5
RCIS09TRUARC016C2.5SA002S	2.5	16	0.9	20.5
RCIS09TRUARC019C2.5SA002S	2.5	19	0.9	23
RCIS09TRUARC020C2.5SA002S	2.5	20	0.9	24.5
RCIS09TRUARC024C2.5SA002S	2.5	24	0.9	27.5
RCIS09TRUARC025C2.5SA002S	2.5	25	0.9	27.5
RCIS09TRUARC027C2.5SA002S	2.5	27	0.9	28
RCIS09TRUARC030C2.5SA002S	2.5	30	0.9	30
RCIS09TRUARC036C2.5SA002S	2.5	36	0.9	32
RCIS09TRUARC037C2.5SA002S	2.5	37	0.9	32

#### OUR ACCREDITATION



# POLYCAB RR-C MC, IS 9968-1

## Rubber control Cable, 1100 V AC

### Electrical characteristics

Current carrying capacity and maximum DC conductor resistance.

Nominal cross sectional area mm <sup>2</sup>	Current carrying capacity		Maximum DC conductor resistance at 20°C Ω/km
	Single phase ac Amp.	Three Phase ac Amp.	
1.5	16	16	13.7
2.5	25	20	8.21

Ambient temperature: 30°C

Conductor operating temperature: 90°C

### De-Rating Factor

De-rating factor for thermoplastic or thermosetting insulated cable

Ambient temperature	35°C to 50°C	55°C	60°C	65°C	70°C
Rating Factor	1	0.96	0.83	0.67	0.47

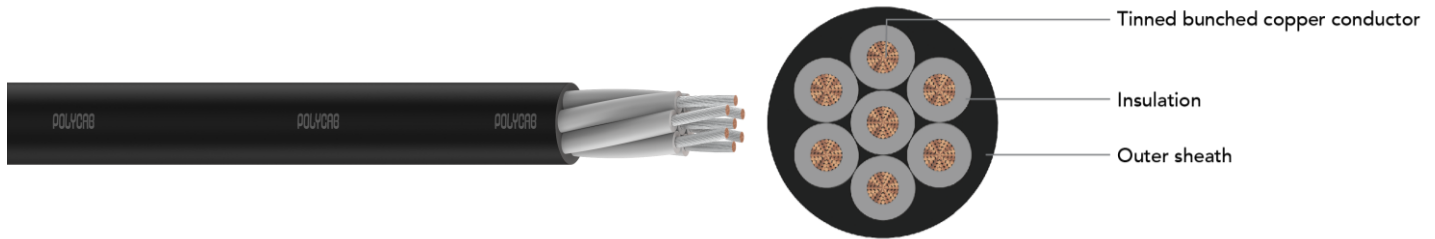
### OUR ACCREDITATION





# POLYCAB RR-P MC, IS 9968-1

## Rubber control Cable, 1100 V AC



### Application

POLYCAB RR-P MC, IS 9968-1 tinned copper conductor, EPR insulated and CPE sheathed cable conforming to IS 9968-1 is designed to use for fixed wiring, single phase or three phase (earthed or unearthed) system for rated voltage up to and including 1100 V. These cables may be used on DC system for rated voltage grade 1500 V to earth. Suitable to use where heat and oil resistant is prime importance.

### Voltage Rating

1100 V

### Operation Temperature

Fixed: -40°C to 90°C

Maximum short circuit temperature 250°C

### Construction

- Annealed tinned electrolytic grade copper conductor to IS 8130, class 5
- Insulated by elastomer compound IE 2 to IS 6380
- Sheathed with elastomeric compound PCP (Polychloroprene) as per IS 6380.

### Core Identification

Single core	Red/Black/White/Yellow/Blue
Twin core	Red, Black
Three core	Red, Yellow, Blue
Four core	Red, Yellow, Blue, Green
Five core	Red, Yellow, Blue, Black, Green
More than Five core	Grey with Black numbering

### Bending Radii

Fixed installation	>12 x Overall Diameter
Occasional	>10 x Overall Diameter

### Standard and References

IS 8130:2013  
IS 6380:1984\*  
IS 9968:1988

### Test Voltage

3000 V AC

### Compliance

Conductor resistance test	IS 8130
Insulation resistance	IS 6380:1984*
Flammability	IEC 60332-1-2

### Approval



### OUR ACCREDITATION

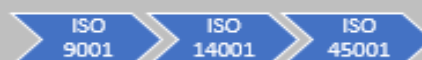


## POLYCAB RR-P MC, IS 9968-1

### Rubber control Cable, 1100 V AC

Product Code	Nominal cross sectional area	No. of core	Nominal thickness of insulation	Overall diameter
	mm <sup>2</sup>		mm	mm
RCIS09TRUARP002C1.5SA002S	1.5	2	0.8	8
RCIS09TRUARP003C1.5SA002S	1.5	3	0.8	8.5
RCIS09TRUARP004C1.5SA002S	1.5	4	0.8	9.5
RCIS09TRUARP005C1.5SA002S	1.5	5	0.8	10.5
RCIS09TRUARP006C1.5SA002S	1.5	6	0.8	11.5
RCIS09TRUARP007C1.5SA002S	1.5	7	0.8	11.5
RCIS09TRUARP008C1.5SA002S	1.5	8	0.8	12.5
RCIS09TRUARP010C1.5SA002S	1.5	10	0.8	16
RCIS09TRUARP012C1.5SA002S	1.5	12	0.8	16.5
RCIS09TRUARP014C1.5SA002S	1.5	14	0.8	17.5
RCIS09TRUARP016C1.5SA002S	1.5	16	0.8	18.5
RCIS09TRUARP019C1.5SA002S	1.5	19	0.8	19.5
RCIS09TRUARP020C1.5SA002S	1.5	20	0.8	20.5
RCIS09TRUARP024C1.5SA002S	1.5	24	0.8	23
RCIS09TRUARP025C1.5SA002S	1.5	25	0.8	23
RCIS09TRUARP027C1.5SA002S	1.5	27	0.8	23.5
RCIS09TRUARP030C1.5SA002S	1.5	30	0.8	24
RCIS09TRUARP036C1.5SA002S	1.5	36	0.8	27
RCIS09TRUARP037C1.5SA002S	1.5	37	0.8	27
RCIS09TRUARP002C2.5SA002S	2.5	2	0.9	9.5
RCIS09TRUARP003C2.5SA002S	2.5	3	0.9	10
RCIS09TRUARP004C2.5SA002S	2.5	4	0.9	11.5
RCIS09TRUARP005C2.5SA002S	2.5	5	0.9	12.5
RCIS09TRUARP006C2.5SA002S	2.5	6	0.9	13.5
RCIS09TRUARP007C2.5SA002S	2.5	7	0.9	13.5
RCIS09TRUARP008C2.5SA002S	2.5	8	0.9	16
RCIS09TRUARP010C2.5SA002S	2.5	10	0.9	19
RCIS09TRUARP012C2.5SA002S	2.5	12	0.9	19.5
RCIS09TRUARP014C2.5SA002S	2.5	14	0.9	20.5
RCIS09TRUARP016C2.5SA002S	2.5	16	0.9	20.5
RCIS09TRUARP019C2.5SA002S	2.5	19	0.9	23
RCIS09TRUARP020C2.5SA002S	2.5	20	0.9	24.5
RCIS09TRUARP024C2.5SA002S	2.5	24	0.9	27.5
RCIS09TRUARP025C2.5SA002S	2.5	25	0.9	27.5
RCIS09TRUARP027C2.5SA002S	2.5	27	0.9	28
RCIS09TRUARP030C2.5SA002S	2.5	30	0.9	30
RCIS09TRUARP036C2.5SA002S	2.5	36	0.9	32
RCIS09TRUARP037C2.5SA002S	2.5	37	0.9	32

#### OUR ACCREDITATION



# POLYCAB RR-P MC, IS 9968-1

## Rubber control Cable, 1100 V AC

### Electrical characteristics

Current carrying capacity and maximum DC conductor resistance.

Nominal cross sectional area mm <sup>2</sup>	Current carrying capacity		Maximum DC conductor resistance at 20°C Ω/km
	Single phase ac Amp.	Three Phase ac Amp.	
1.5	16	16	13.7
2.5	25	20	8.21

Ambient temperature: 30°C

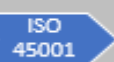
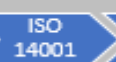
Conductor operating temperature: 90°C

### De-Rating Factor

De-rating factor for thermoplastic or thermosetting insulated cable

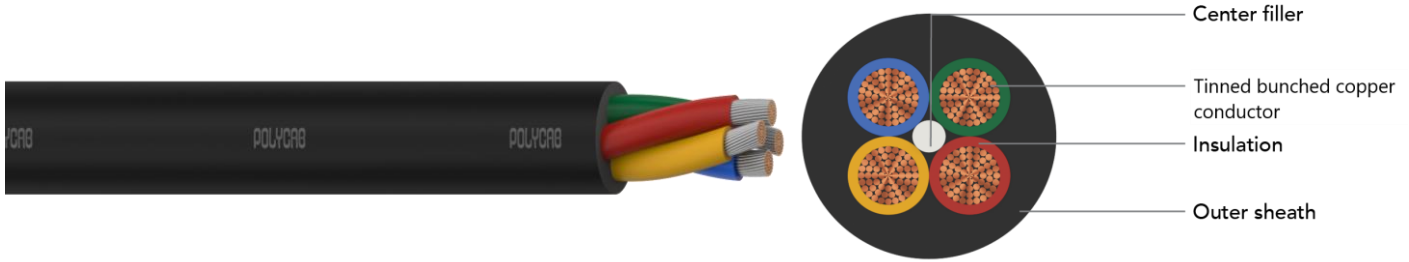
Ambient temperature	35°C to 50°C	55°C	60°C	65°C	70°C
Rating Factor	1	0.96	0.83	0.67	0.47

### OUR ACREDITATION



# POLYCAB RR-E, IS 9968-1

## Rubber power Cable, 1100 V AC



### Application

POLYCAB RR-E, IS 9968-1 tinned copper conductor, EPR insulated and CPE sheathed cable conforming to IS 9968-1 is designed to use for fixed wiring, single phase or three phase (earthed or unearthed) system for rated voltage up to and including 1100 V. These cables may be used on DC system for rated voltage grade 1500 V to earth. Suitable to use in elevator, lifts, cranes, mines, heater leads and electric iron leads etc.

### Voltage Rating

1100 V

### Operation Temperature

Fixed: -40°C to 90°C

Maximum short circuit temperature 250°C

### Construction

- Annealed tinned electrolytic grade copper conductor to IS 8130, class 5
- Insulated by EPR compound or IE 2 to IS 6380
- Sheathed with elastomer type CPE (Chlorinated polyethylene) as per IS 6380.

### Core Identification

Single core	Red/Black/White/Yellow/Blue
Two core	Red, Black
Three core	Red, Yellow, Blue
Four core	Red, Yellow, Blue, Green
Five core	Red, Yellow, Blue, Black, Green

### Bending Radii

Fixed installation >12 x Overall Diameter

Occasional >10 x Overall Diameter

### Standard and References

IS 8130:2013

IS 6380:1984\*

IS 9968:1988

### Test Voltage

3000 V AC

### Compliance

Conductor resistance test IS 8130

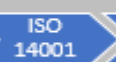
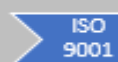
Insulation resistance IS 6380:1984\*

Flammability IEC 60332-1-2

### Approval



### OUR ACCREDITATION



## POLYCAB RR-E, IS 9968-1

### Rubber power Cable, 1100 V AC

Product Code	Construction n x mm <sup>2</sup>	Nominal thickness of insulation mm	Overall Diameter (Approx.) mm
RCIS09TRUARE001C004SA001S	1 C X 4	1	6.5
RCIS09TRUARE002C004SA001S	2 C X 4	1	11
RCIS09TRUARE003C004SA001S	3 C X 4	1	11.5
RCIS09TRUARE004C004SA001S	4 C X 4	1	13
RCIS09TRUARE005C004SA001S	5 C X 4	1	14.5
RCIS09TRUARE001C006SA001S	1 C X 6	1	8
RCIS09TRUARE002C006SA001S	2 C X 6	1	14
RCIS09TRUARE003C006SA001S	3 C X 6	1	14.5
RCIS09TRUARE004C006SA001S	4 C X 6	1	16.5
RCIS09TRUARE001C010SA001S	1 C X 10	1.2	10
RCIS09TRUARE002C010SA001S	2 C X 10	1.2	17.5
RCIS09TRUARE003C010SA001S	3 C X 10	1.2	18.5
RCIS09TRUARE004C010SA001S	4 C X 10	1.2	20.5
RCIS09TRUARE001C016SA001S	1 C X 16	1.2	11
RCIS09TRUARE002C016SA001S	2 C X 16	1.2	20
RCIS09TRUARE003C016SA001S	3 C X 16	1.2	22
RCIS09TRUARE004C016SA001S	4 C X 16	1.2	24
RCIS09TRUARE001C025SA001S	1 C X 25	1.4	12.5
RCIS09TRUARE002C025SA001S	2 C X 25	1.4	24.5
RCIS09TRUARE003C025SA001S	3 C X 25	1.4	26
RCIS09TRUARE3.5C025SA001S	3.5 C X 25	1.4	28.5
RCIS09TRUARE004C025SA001S	4 C X 25	1.4	28.5
RCIS09TRUARE001C035SA001S	1 C X 35	1.4	14
RCIS09TRUARE002C035SA001S	2 C X 35	1.4	26.5
RCIS09TRUARE003C035SA001S	3 C X 35	1.4	28.5
RCIS09TRUARE3.5C035SA001S	3.5 C X 35	1.4	32.5
RCIS09TRUARE004C035SA001S	4 C X 35	1.4	31.5
RCIS09TRUARE001C050SA001S	1 C X 50	1.6	16.5
RCIS09TRUARE002C050SA001S	2 C X 50	1.6	31
RCIS09TRUARE003C050SA001S	3 C X 50	1.6	33
RCIS09TRUARE3.5C050SA001S	3.5 C X 50	1.6	37.5
RCIS09TRUARE004C050SA001S	4 C X 50	1.6	36.5
RCIS09TRUARE001C070SA001S	1 C X 70	1.6	18.5
RCIS09TRUARE002C070SA001S	2 C X 70	1.6	34.5
RCIS09TRUARE003C070SA001S	3 C X 70	1.6	38
RCIS09TRUARE3.5C070SA001S	3.5 C X 70	1.6	42
RCIS09TRUARE004C070SA001S	4 C X 70	1.6	41
RCIS09TRUARE001C095SA001S	1 C X 95	1.8	21
RCIS09TRUARE002C095SA001S	2 C X 95	1.8	38.5
RCIS09TRUARE003C095SA001S	3 C X 95	1.8	42.5
RCIS09TRUARE3.5C095SA001S	3.5 C X 95	1.8	47
RCIS09TRUARE004C095SA001S	4 C X 95	1.8	46

#### OUR ACCREDITATION



## POLYCAB RR-E, IS 9968-1

### Rubber power Cable, 1100 V AC

Product Code	Construction	Nominal thickness of insulation	Overall Diameter (Approx.)
	n x mm <sup>2</sup>	mm	mm
RCIS09TRUARE001C120SA001S	1 C X 120	1.8	23
RCIS09TRUARE002C120SA001S	2 C X 120	1.8	42.5
RCIS09TRUARE003C120SA001S	3 C X 120	1.8	46
RCIS09TRUARE3.5C120SA001S	3.5 C X 120	1.8	51
RCIS09TRUARE004C120SA001S	4 C X 120	1.8	50.5
RCIS09TRUARE001C150SA001S	1 C X 150	2	25
RCIS09TRUARE002C150SA001S	2 C X 150	2	47
RCIS09TRUARE003C150SA001S	3 C X 150	2	51
RCIS09TRUARE3.5C150SA001S	3.5 C X 150	2	56.5
RCIS09TRUARE004C150SA001S	4 C X 150	2	55.5
RCIS09TRUARE001C185SA001S	1 C X 185	2.2	27.5
RCIS09TRUARE002C185SA001S	2 C X 185	2.2	51
RCIS09TRUARE003C185SA001S	3 C X 185	2.2	55.5
RCIS09TRUARE3.5C185SA001S	3.5 C X 185	2.2	62
RCIS09TRUARE004C185SA001S	4 C X 185	2.2	61
RCIS09TRUARE001C240SA001S	1 C X 240	2.4	31
RCIS09TRUARE002C240SA001S	2 C X 240	2.4	58
RCIS09TRUARE003C240SA001S	3 C X 240	2.4	63
RCIS09TRUARE3.5C240SA001S	3.5 C X 240	2.4	70
RCIS09TRUARE004C240SA001S	4 C X 240	2.4	69
RCIS09TRUARE001C300SA001S	1 C X 300	2.6	33
RCIS09TRUARE002C300SA001S	2 C X 300	2.6	63
RCIS09TRUARE003C300SA001S	3 C X 300	2.6	68.5
RCIS09TRUARE3.5C300SA001S	3.5 C X 300	2.6	76.5
RCIS09TRUARE004C300SA001S	4 C X 300	2.6	75.5
RCIS09TRUARE001C400SA001S	1 C X 400	2.8	37.5
RCIS09TRUARE002C400SA001S	2 C X 400	2.8	71
RCIS09TRUARE003C400SA001S	3 C X 400	2.8	77
RCIS09TRUARE3.5C400SA001S	3.5 C X 400	2.8	86
RCIS09TRUARE004C400SA001S	4 C X 400	2.8	85
RCIS09TRUARE001C500SA001S	1 C X 500	3	41
RCIS09TRUARE001C630SA001S	1 C X 630	3	45

#### OUR ACCREDITATION



# POLYCAB RR-E, IS 9968-1

## Rubber power Cable, 1100 V AC

### Electrical characteristics

Current carrying capacity and maximum DC conductor resistance.

Nominal cross sectional area mm <sup>2</sup>	Single phase ac or dc	Three Phase ac	Single phase ac or dc	Maximum DC conductor resistance at 20°C Ω/km
	1 two core cable with or without protective conductor Amp.	1 three core, four core or five core cable Amp.	2 single core cables touching Amp.	
4	42	37	-	5.09
6	55	49	-	3.39
10	76	66	-	1.95
16	103	89	-	1.24
25	136	119	-	0.795
35	-	146	200	0.565
50	-	177	250	0.393
70	-	225	310	0.277
95	-	273	369	0.21
120	-	316	432	0.164
150	-	363	497	0.132
185	-	414	564	0.108
240	-	487	673	0.0817
300	-	560	773	0.0654
400	-	-	924	0.0495
500	-	-	1062	0.0391
630	-	-	1242	0.0292

Ambient temperature: 30° C

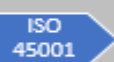
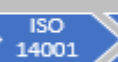
Conductor operating temperature:90° C

### De-Rating Factor

De-rating factor thermoplastic or thermosetting insulated cable

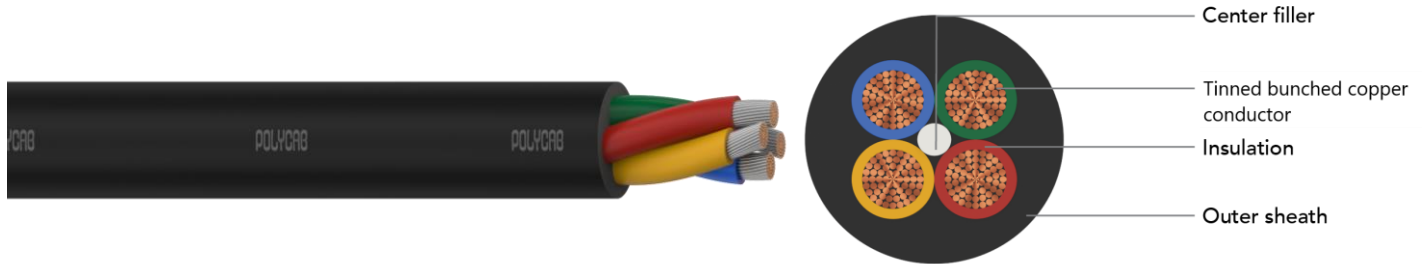
Ambient temperature	35°C to 50°C	55°C	60°C	65°C	70°C
Rating Factor	1	0.96	0.83	0.67	0.47

### OUR ACCREDITATION



# POLYCAB RR-C, IS 9968-1

## Rubber power Cable, 1100 V AC



### Application

POLYCAB RR-C, IS 9968-1 tinned copper conductor, EPR insulated and CPE sheathed cable conforming to IS 9968-1 is designed to use for fixed wiring, single phase or three phase (earthed or unearthed) system for rated voltage up to and including 1100 V. These cables may be used on DC system for rated voltage grade 1500 V to earth. Suitable to use where chemical resistance is prime importance.

### Voltage Rating

1100 V

### Operation Temperature

Fixed: -40°C to 90°C

Maximum short circuit temperature 250°C

### Construction

- Annealed tinned electrolytic grade copper conductor to IS 8130, class 5
- Insulated by EPR compound or IE 2 to IS 6380
- Sheathed with elastomer type CSP (Chlorosulphonated polyethylene) as per IS 6380.

### Core Identification

Single core	Red/Black/White/Yellow/Blue
Two core	Red, Black
Three core	Red, Yellow, Blue
Four core	Red, Yellow, Blue, Green
Five core	Red, Yellow, Blue, Black, Green

### Bending Radii

Fixed installation	>12 x Overall Diameter
Occasional	>10 x Overall Diameter

### Standard and References

IS 8130:2013  
IS 6380:1984\*  
IS 9968:1988

### Test Voltage

3000 V AC

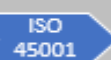
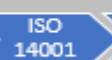
### Compliance

Conductor resistance test	IS 8130
Insulation resistance	IS 6380:1984*
Flammability	IEC 60332-1-2

### Approval



### OUR ACCREDITATION



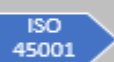
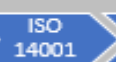


## POLYCAB RR-C, IS 9968-1

### Rubber power Cable, 1100 V AC

Product Code	Construction	Nominal thickness of insulation	Overall diameter (Approx.)
	n x mm <sup>2</sup>	mm	mm
RCIS09TRUARC001C004SA001S	1 C X 4	1	6.5
RCIS09TRUARC002C004SA001S	2 C X 4	1	11
RCIS09TRUARC003C004SA001S	3 C X 4	1	11.5
RCIS09TRUARC004C004SA001S	4 C X 4	1	13
RCIS09TRUARC005C004SA001S	5 C X 4	1	14.5
RCIS09TRUARC001C006SA001S	1 C X 6	1	8
RCIS09TRUARC002C006SA001S	2 C X 6	1	14
RCIS09TRUARC003C006SA001S	3 C X 6	1	14.5
RCIS09TRUARC004C006SA001S	4 C X 6	1	16.5
RCIS09TRUARC001C010SA001S	1 C X 10	1.2	10
RCIS09TRUARC002C010SA001S	2 C X 10	1.2	17.5
RCIS09TRUARC003C010SA001S	3 C X 10	1.2	18.5
RCIS09TRUARC004C010SA001S	4 C X 10	1.2	20.5
RCIS09TRUARC001C016SA001S	1 C X 16	1.2	11
RCIS09TRUARC002C016SA001S	2 C X 16	1.2	20
RCIS09TRUARC003C016SA001S	3 C X 16	1.2	22
RCIS09TRUARC004C016SA001S	4 C X 16	1.2	24
RCIS09TRUARC001C025SA001S	1 C X 25	1.4	12.5
RCIS09TRUARC002C025SA001S	2 C X 25	1.4	24.5
RCIS09TRUARC003C025SA001S	3 C X 25	1.4	26
RCIS09TRUARC3.5C025SA001S	3.5 C X 25	1.4	28.5
RCIS09TRUARC004C025SA001S	4 C X 25	1.4	28.5
RCIS09TRUARC001C035SA001S	1 C X 35	1.4	14
RCIS09TRUARC002C035SA001S	2 C X 35	1.4	26.5
RCIS09TRUARC003C035SA001S	3 C X 35	1.4	28.5
RCIS09TRUARC3.5C035SA001S	3.5 C X 35	1.4	32.5
RCIS09TRUARC004C035SA001S	4 C X 35	1.4	31.5
RCIS09TRUARC001C050SA001S	1 C X 50	1.6	16.5
RCIS09TRUARC002C050SA001S	2 C X 50	1.6	31
RCIS09TRUARC003C050SA001S	3 C X 50	1.6	33
RCIS09TRUARC3.5C050SA001S	3.5 C X 50	1.6	37.5
RCIS09TRUARC004C050SA001S	4 C X 50	1.6	36.5
RCIS09TRUARC001C070SA001S	1 C X 70	1.6	18.5
RCIS09TRUARC002C070SA001S	2 C X 70	1.6	34.5
RCIS09TRUARC003C070SA001S	3 C X 70	1.6	38
RCIS09TRUARC3.5C070SA001S	3.5 C X 70	1.6	42
RCIS09TRUARC004C070SA001S	4 C X 70	1.6	41
RCIS09TRUARC001C095SA001S	1 C X 95	1.8	21
RCIS09TRUARC002C095SA001S	2 C X 95	1.8	38.5
RCIS09TRUARC003C095SA001S	3 C X 95	1.8	42.5
RCIS09TRUARC3.5C095SA001S	3.5 C X 95	1.8	47
RCIS09TRUARC004C095SA001S	4 C X 95	1.8	46

#### OUR ACCREDITATION



## POLYCAB RR-C, IS 9968-1

### Rubber power Cable, 1100 V AC

Product Code	Construction	Nominal thickness of insulation	Overall diameter (Approx.)
	n x mm <sup>2</sup>	mm	mm
RCIS09TRUARC001C120SA001S	1 C X 120	1.8	23
RCIS09TRUARC002C120SA001S	2 C X 120	1.8	42.5
RCIS09TRUARC003C120SA001S	3 C X 120	1.8	46
RCIS09TRUARC3.5C120SA001S	3.5 C X 120	1.8	51
RCIS09TRUARC004C120SA001S	4 C X 120	1.8	50.5
RCIS09TRUARC001C150SA001S	1 C X 150	2	25
RCIS09TRUARC002C150SA001S	2 C X 150	2	47
RCIS09TRUARC003C150SA001S	3 C X 150	2	51
RCIS09TRUARC3.5C150SA001S	3.5 C X 150	2	56.5
RCIS09TRUARC004C150SA001S	4 C X 150	2	55.5
RCIS09TRUARC001C185SA001S	1 C X 185	2.2	27.5
RCIS09TRUARC002C185SA001S	2 C X 185	2.2	51
RCIS09TRUARC003C185SA001S	3 C X 185	2.2	55.5
RCIS09TRUARC3.5C185SA001S	3.5 C X 185	2.2	62
RCIS09TRUARC004C185SA001S	4 C X 185	2.2	61
RCIS09TRUARC001C240SA001S	1 C X 240	2.4	31
RCIS09TRUARC002C240SA001S	2 C X 240	2.4	58
RCIS09TRUARC003C240SA001S	3 C X 240	2.4	63
RCIS09TRUARC3.5C240SA001S	3.5 C X 240	2.4	70
RCIS09TRUARC004C240SA001S	4 C X 240	2.4	69
RCIS09TRUARC001C300SA001S	1 C X 300	2.6	33
RCIS09TRUARC002C300SA001S	2 C X 300	2.6	63
RCIS09TRUARC003C300SA001S	3 C X 300	2.6	68.5
RCIS09TRUARC3.5C300SA001S	3.5 C X 300	2.6	76.5
RCIS09TRUARC004C300SA001S	4 C X 300	2.6	75.5
RCIS09TRUARC001C400SA001S	1 C X 400	2.8	37.5
RCIS09TRUARC002C400SA001S	2 C X 400	2.8	71
RCIS09TRUARC003C400SA001S	3 C X 400	2.8	77
RCIS09TRUARC3.5C400SA001S	3.5 C X 400	2.8	86
RCIS09TRUARC004C400SA001S	4 C X 400	2.8	85
RCIS09TRUARC001C500SA001S	1 C X 500	3	41
RCIS09TRUARC001C630SA001S	1 C X 630	3	45

#### OUR ACREDITATION



# POLYCAB RR-C, IS 9968-1

## Rubber power Cable, 1100 V AC

### Electrical characteristics

Current carrying capacity and maximum DC conductor resistance

Nominal cross sectional area mm <sup>2</sup>	Single phase ac or dc	Three Phase ac	Single phase ac or dc	Maximum DC conductor resistance at 20°C Ω/km
	1 two core cable with or without protective conductor Amp.	1 three core, four core or five core cable Amp.	2 single core cables touching Amp.	
4	42	37	-	5.09
6	55	49	-	3.39
10	76	66	-	1.95
16	103	89	-	1.24
25	136	119	-	0.795
35	-	146	200	0.565
50	-	177	250	0.393
70	-	225	310	0.277
95	-	273	369	0.21
120	-	316	432	0.164
150	-	363	497	0.132
185	-	414	564	0.108
240	-	487	673	0.0817
300	-	560	773	0.0654
400	-	-	924	0.0495
500	-	-	1062	0.0391
630	-	-	1242	0.0292

Ambient temperature: 30° C

Conductor operating temperature: 90° C

### De-Rating Factor

De-rating factor thermoplastic or thermosetting insulated cable

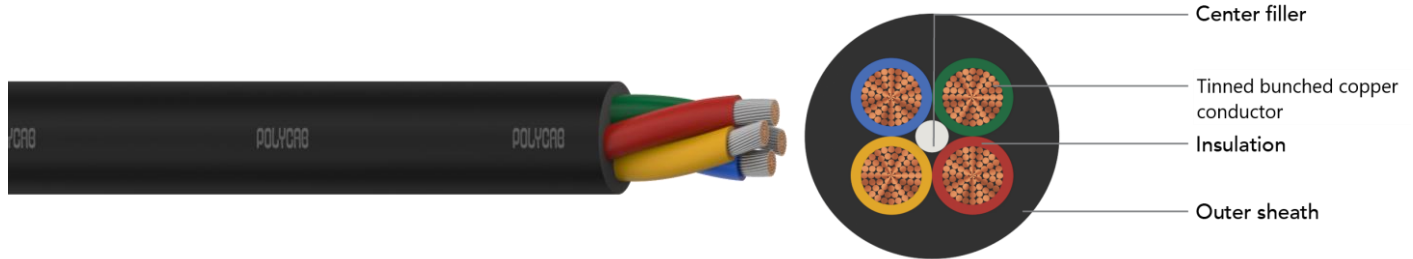
Ambient temperature	35°C to 50°C	55°C	60°C	65°C	70°C
Rating Factor	1	0.96	0.83	0.67	0.47

### OUR ACCREDITATION



# POLYCAB RR-P, IS 9968-1

## Rubber power Cable, 1100 V AC



### Application

POLYCAB RR-C, IS 9968-1 tinned copper conductor, EPR insulated and CPE sheathed cable conforming to IS 9968-1 is designed to use for fixed wiring, single phase or three phase (earthed or unearthed) system for rated voltage up to and including 1100 V. These cables may be used on DC system for rated voltage grade 1500 V to earth. Suitable to use where heat and oil resistant is prime importance.

### Voltage Rating

1100 V

### Operation Temperature

Fixed: -40°C to 90°C

Maximum short circuit temperature 250°C

### Construction

- Annealed tinned electrolytic grade copper conductor to IS 8130, class 5
- Insulated by EPR compound or IE 2 to IS 6380
- Sheathed with elastomer type PCP (Polychloroprene polymer) as per IS 6380.

### Core Identification

Single core	Red/Black/White/Yellow/Blue
Two core	Red, Black
Three core	Red, Yellow, Blue
Four core	Red, Yellow, Blue, Green
Five core	Red, Yellow, Blue, Black, Green

### Bending Radii

Fixed installation >12 x Overall Diameter

Occasional >10 x Overall Diameter

### Standard and References

IS 8130:2013

IS 6380:1984\*

IS 9968:1988

### Test Voltage

3000 V AC

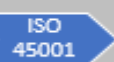
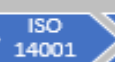
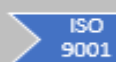
### Compliance

Conductor resistance test	IS 8130
Insulation resistance	IS 6380:1984*
Flammability	IEC 60332-1-2

### Approval



### OUR ACCREDITATION



## POLYCAB RR-P, IS 9968-1

### Rubber power Cable, 1100 V AC

Product Code	Construction	Nominal thickness of insulation	Overall diameter (Approx.)
	n x mm <sup>2</sup>	mm	mm
RCIS09TRUARP001C004SA001S	1 C X 4	1	6.5
RCIS09TRUARP002C004SA001S	2 C X 4	1	11
RCIS09TRUARP003C004SA001S	3 C X 4	1	11.5
RCIS09TRUARP004C004SA001S	4 C X 4	1	13
RCIS09TRUARP005C004SA001S	5 C X 4	1	14.5
RCIS09TRUARP001C006SA001S	1 C X 6	1	8
RCIS09TRUARP002C006SA001S	2 C X 6	1	14
RCIS09TRUARP003C006SA001S	3 C X 6	1	14.5
RCIS09TRUARP004C006SA001S	4 C X 6	1	16.5
RCIS09TRUARP001C010SA001S	1 C X 10	1.2	10
RCIS09TRUARP002C010SA001S	2 C X 10	1.2	17.5
RCIS09TRUARP003C010SA001S	3 C X 10	1.2	18.5
RCIS09TRUARP004C010SA001S	4 C X 10	1.2	20.5
RCIS09TRUARP001C016SA001S	1 C X 16	1.2	11
RCIS09TRUARP002C016SA001S	2 C X 16	1.2	20
RCIS09TRUARP003C016SA001S	3 C X 16	1.2	22
RCIS09TRUARP004C016SA001S	4 C X 16	1.2	24
RCIS09TRUARP001C025SA001S	1 C X 25	1.4	12.5
RCIS09TRUARP002C025SA001S	2 C X 25	1.4	24.5
RCIS09TRUARP003C025SA001S	3 C X 25	1.4	26
RCIS09TRUARP3.5C025SA001S	3.5 C X 25	1.4	28.5
RCIS09TRUARP004C025SA001S	4 C X 25	1.4	28.5
RCIS09TRUARP001C035SA001S	1 C X 35	1.4	14
RCIS09TRUARP002C035SA001S	2 C X 35	1.4	26.5
RCIS09TRUARP003C035SA001S	3 C X 35	1.4	28.5
RCIS09TRUARP3.5C035SA001S	3.5 C X 35	1.4	32.5
RCIS09TRUARP004C035SA001S	4 C X 35	1.4	31.5
RCIS09TRUARP001C050SA001S	1 C X 50	1.6	16.5
RCIS09TRUARP002C050SA001S	2 C X 50	1.6	31
RCIS09TRUARP003C050SA001S	3 C X 50	1.6	33
RCIS09TRUARP3.5C050SA001S	3.5 C X 50	1.6	37.5
RCIS09TRUARP004C050SA001S	4 C X 50	1.6	36.5
RCIS09TRUARP001C070SA001S	1 C X 70	1.6	18.5
RCIS09TRUARP002C070SA001S	2 C X 70	1.6	34.5
RCIS09TRUARP003C070SA001S	3 C X 70	1.6	38
RCIS09TRUARP3.5C070SA001S	3.5 C X 70	1.6	42
RCIS09TRUARP004C070SA001S	4 C X 70	1.6	41
RCIS09TRUARP001C095SA001S	1 C X 95	1.8	21
RCIS09TRUARP002C095SA001S	2 C X 95	1.8	38.5
RCIS09TRUARP003C095SA001S	3 C X 95	1.8	42.5
RCIS09TRUARP3.5C095SA001S	3.5 C X 95	1.8	47
RCIS09TRUARP004C095SA001S	4 C X 95	1.8	46

#### OUR ACCREDITATION



## POLYCAB RR-P, IS 9968-1

### Rubber power Cable, 1100 V AC

Product Code	Construction	Nominal thickness of insulation	Overall diameter (Approx.)
	n x mm <sup>2</sup>	mm	mm
RCIS09TRUARP001C120SA001S	1 C X 120	1.8	23
RCIS09TRUARP002C120SA001S	2 C X 120	1.8	42.5
RCIS09TRUARP003C120SA001S	3 C X 120	1.8	46
RCIS09TRUARP3.5C120SA001S	3.5 C X 120	1.8	51
RCIS09TRUARP004C120SA001S	4 C X 120	1.8	50.5
RCIS09TRUARP001C150SA001S	1 C X 150	2	25
RCIS09TRUARP002C150SA001S	2 C X 150	2	47
RCIS09TRUARP003C150SA001S	3 C X 150	2	51
RCIS09TRUARP3.5C150SA001S	3.5 C X 150	2	56.5
RCIS09TRUARP004C150SA001S	4 C X 150	2	55.5
RCIS09TRUARP001C185SA001S	1 C X 185	2.2	27.5
RCIS09TRUARP002C185SA001S	2 C X 185	2.2	51
RCIS09TRUARP003C185SA001S	3 C X 185	2.2	55.5
RCIS09TRUARP3.5C185SA001S	3.5 C X 185	2.2	62
RCIS09TRUARP004C185SA001S	4 C X 185	2.2	61
RCIS09TRUARP001C240SA001S	1 C X 240	2.4	31
RCIS09TRUARP002C240SA001S	2 C X 240	2.4	58
RCIS09TRUARP003C240SA001S	3 C X 240	2.4	63
RCIS09TRUARP3.5C240SA001S	3.5 C X 240	2.4	70
RCIS09TRUARP004C240SA001S	4 C X 240	2.4	69
RCIS09TRUARP001C300SA001S	1 C X 300	2.6	33
RCIS09TRUARP002C300SA001S	2 C X 300	2.6	63
RCIS09TRUARP003C300SA001S	3 C X 300	2.6	68.5
RCIS09TRUARP3.5C300SA001S	3.5 C X 300	2.6	76.5
RCIS09TRUARP004C300SA001S	4 C X 300	2.6	75.5
RCIS09TRUARP001C400SA001S	1 C X 400	2.8	37.5
RCIS09TRUARP002C400SA001S	2 C X 400	2.8	71
RCIS09TRUARP003C400SA001S	3 C X 400	2.8	77
RCIS09TRUARP3.5C400SA001S	3.5 C X 400	2.8	86
RCIS09TRUARP004C400SA001S	4 C X 400	2.8	85
RCIS09TRUARP001C500SA001S	1 C X 500	3	41
RCIS09TRUARP001C630SA001S	1 C X 630	3	45

#### OUR ACCREDITATION



# POLYCAB RR-P, IS 9968-1

## Rubber power Cable, 1100 V AC

### Electrical characteristics

Current carrying capacity and maximum DC conductor resistance.

Nominal cross sectional area mm <sup>2</sup>	Single phase ac or dc	Three Phase ac	Single phase ac or dc	Maximum DC conductor resistance at 20°C Ω/km
	1 two core cable with or without protective conductor Amp.	1 three core, four core or five core cable Amp.	2 single core cables touching Amp.	
4	42	37	-	5.09
6	55	49	-	3.39
10	76	66	-	1.95
16	103	89	-	1.24
25	136	119	-	0.795
35	-	146	200	0.565
50	-	177	250	0.393
70	-	225	310	0.277
95	-	273	369	0.21
120	-	316	432	0.164
150	-	363	497	0.132
185	-	414	564	0.108
240	-	487	673	0.0817
300	-	560	773	0.0654
400	-	-	924	0.0495
500	-	-	1062	0.0391
630	-	-	1242	0.0292

Ambient temperature: 30° C

Conductor operating temperature: 90° C

### De-Rating Factor

De-rating factor thermoplastic or thermosetting insulated cable

Ambient temperature	35°C to 50°C	55°C	60°C	65°C	70°C
Rating Factor	1	0.96	0.83	0.67	0.47

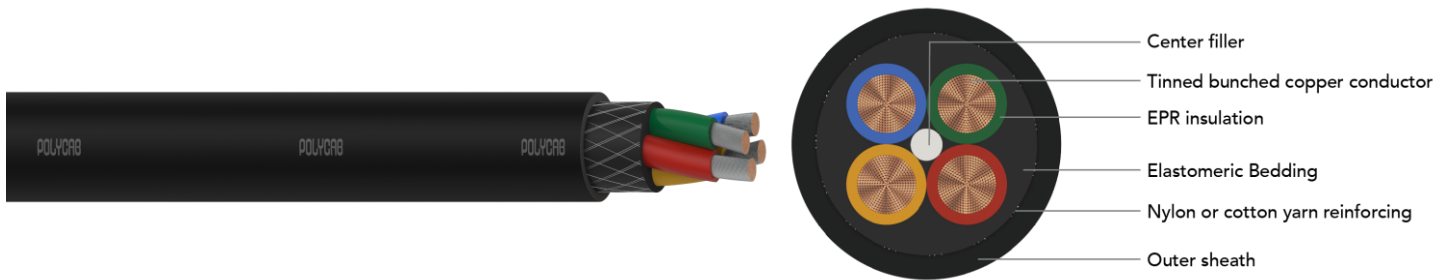
### OUR ACCREDITATION





# POLYCAB RR (Reinforced), IS 9968-1

## Rubber Power and Control Cable, 1100 V AC



### Application

POLYCAB RR(Reinforced), EPR insulated and elastomeric sheathed cable conforming to IS 9968-1 is designed to use in fixed wiring, single phase or three phase (earthed or unearthed) system for rated voltage up to and including 1100 V. These cables may be used on DC system for rated voltage grade 1500 V to earth. The cable is highly suitable to use in elevator, lifts, cranes, mines, heater leads and electric iron leads etc.

### Voltage Rating

1100 V

### Operation Temperature

Fixed: -40°C to 90°C

Maximum short circuit temperature 250°C

### Construction

- Annealed tinned electrolytic grade copper conductor to IS 8130, class 5
- Insulated with EPR (Ethylene propylene rubber) to IS 6380
- Bedded with elastomeric compound to SE3/SE4 to IS 6380
- Reinforcing with nylon or cotton yarn
- Sheathed with PCP/CSP/NBR-PVC/CPE HOFR as per IS 6380.

### Core Identification

Single core	Red/Black/White/Yellow/Blue
Two core	Red, Black
Three core	Red, Yellow, Blue
Four core	Red, Yellow, Blue, Green
Five core	Red, Blue, Black, Green
More than Five core	Grey with Black numbering

### Bending Radii

Fixed installation	>10 x Overall Diameter
Occasional	>8 x Overall Diameter

### Standard and References

IS 8130:2013

IS 6380:1984\*

IS 9968:1988

### Test Voltage

3000 V AC

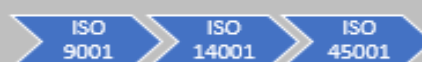
### Compliance

Conductor resistance test	IS 8130
Insulation resistance	IS 6380:1984*
Flammability	IEC 60332-1-2

### Approval



### OUR ACCREDITATION





## POLYCAB RR (Reinforced), IS 9968-1

### Rubber Power and Control Cable, 1100 V AC

Product Code	Construction n x mm <sup>2</sup>	Insulation thickness mm	Overall diameter (Approx.) mm	Weight (Approx.) kg/km
RCIS09TRNBRC001C1.5S	1 x 1.5	0.6	8.70	89
RCIS09TRNBRC001C2.5S	1 x 2.5	0.6	9.35	109
RCIS09TRNBRC001C004S	1 x 4	0.6	10.10	135
RCIS09TRNBRC001C006S	1 x 6	0.8	10.67	162
RCIS09TRNBRC001C010S	1 x 10	0.9	12.02	223
RCIS09TRNBRC001C016S	1 x 16	1	13.06	293
RCIS09TRNBRC001C025S	1 x 25	1	15.52	432
RCIS09TRNBRC001C035S	1 x 35	1.2	17.11	560
RCIS09TRNBRC001C050S	1 x 50	1.2	19.01	742
RCIS09TRNBRC001C070S	1 x 70	1.4	21.09	977
RCIS09TRNBRC001C095S	1 x 95	1.4	23.68	1282
RCIS09TRNBRC001C120S	1 x 120	1.6	25.82	1576
RCIS09TRNBRC001C150S	1 x 150	1.6	27.75	1885
RCIS09TRNBRC001C185S	1 x 185	1.8	31.43	2393
RCIS09TRNBRC001C240S	1 x 240	1.8	34.16	2966
RCIS09TRNBRC001C300S	1 x 300	2	38.41	3750
RCIS09TRNBRC001C400S	1 x 400	2.2	42.66	4843
RCIS09TRNBRC002C1.5S	2 x 1.5	0.6	11.86	178
RCIS09TRNBRC002C2.5S	2 x 2.5	0.6	13.17	231
RCIS09TRNBRC002C004S	2 x 4	0.6	15.46	330
RCIS09TRNBRC002C006S	2 x 6	0.8	17.01	417
RCIS09TRNBRC002C010S	2 x 10	0.9	20.09	614
RCIS09TRNBRC002C016S	2 x 16	1	22.57	825
RCIS09TRNBRC002C025S	2 x 25	1	26.51	1187
RCIS09TRNBRC002C035S	2 x 35	1.2	29.29	1522
RCIS09TRNBRC002C050S	2 x 50	1.2	34.09	2111
RCIS09TRNBRC002C070S	2 x 70	1.4	38.85	2822
RCIS09TRNBRC002C095S	2 x 95	1.4	43.62	3673
RCIS09TRNBRC002C120S	2 x 120	1.6	46.69	4383
RCIS09TRNBRC002C150S	2 x 150	1.6	51.56	5370
RCIS09TRNBRC002C185S	2 x 185	1.8	56.93	6636
RCIS09TRNBRC002C240S	2 x 240	1.8	63.39	8366
RCIS09TRNBRC003C1.5S	3 x 1.5	0.6	12.37	212
RCIS09TRNBRC003C2.5S	3 x 2.5	0.6	14.58	307
RCIS09TRNBRC003C004S	3 x 4	0.6	16.19	404
RCIS09TRNBRC003C006S	3 x 6	0.8	17.83	518
RCIS09TRNBRC003C010S	3 x 10	0.9	21.13	776
RCIS09TRNBRC003C016S	3 x 16	1	23.78	1058
RCIS09TRNBRC003C025S	3 x 25	1	27.97	1539
RCIS09TRNBRC003C035S	3 x 35	1.2	31.95	2063
RCIS09TRNBRC003C050S	3 x 50	1.2	37.45	2890
RCIS09TRNBRC003C070S	3 x 70	1.4	41.48	3760
RCIS09TRNBRC003C095S	3 x 95	1.4	46.20	4886
RCIS09TRNBRC003C120S	3 x 120	1.6	50.52	5984
RCIS09TRNBRC003C150S	3 x 150	1.6	55.50	7295

#### OUR ACCREDITATION



## POLYCAB RR (Reinforced), IS 9968-1

### Rubber Power and Control Cable, 1100 V AC

Product Code	Construction n x mm <sup>2</sup>	Insulation thickness mm	Overall diameter (Approx.) mm	Weight (Approx.) kg/km
RCIS09TRNBRC003C185S	3 x 185	1.8	61.43	9059
RCIS09TRNBRC003C240S	3 x 240	1.8	68.13	11398
RCIS09TRNBRC004C1.5S	4 x 1.5	0.6	13.19	255
RCIS09TRNBRC004C2.5S	4 x 2.5	0.6	15.57	371
RCIS09TRNBRC004C004S	4 x 4	0.6	17.77	511
RCIS09TRNBRC004C006S	4 x 6	0.8	19.56	657
RCIS09TRNBRC004C010S	4 x 10	0.9	23.22	991
RCIS09TRNBRC004C016S	4 x 16	1	26.33	1369
RCIS09TRNBRC004C025S	4 x 25	1	31.76	2049
RCIS09TRNBRC004C035S	4 x 35	1.2	35.05	2648
RCIS09TRNBRC004C050S	4 x 50	1.2	40.64	3674
RCIS09TRNBRC004C070S	4 x 70	1.4	45.11	4807
RCIS09TRNBRC004C095S	4 x 95	1.4	51.40	6394
RCIS09TRNBRC004C120S	4 x 120	1.6	55.92	7795
RCIS09TRNBRC004C150S	4 x 150	1.6	61.59	9535
RCIS09TRNBRC004C185S	4 x 185	1.8	67.92	11802
RCIS09TRNBRC004C240S	4 x 240	1.8	75.54	14903
RCIS09TRNBRC005C1.5S	5 x 1.5	0.6	14.87	309
RCIS09TRNBRC005C2.5S	5 x 2.5	0.6	17.04	424
RCIS09TRNBRC005C004S	5 x 4	0.6	19.05	562
RCIS09TRNBRC006C1.5S	6 x 1.5	0.6	15.82	353
RCIS09TRNBRC006C2.5S	6 x 2.5	0.6	18.18	489
RCIS09TRNBRC007C1.5S	7 x 1.5	0.6	15.82	364
RCIS09TRNBRC007C2.5S	7 x 2.5	0.6	18.18	506
RCIS09TRNBRC008C1.5S	8 x 1.5	0.6	17.64	445
RCIS09TRNBRC008C2.5S	8 x 2.5	0.6	20.30	619
RCIS09TRNBRC010C1.5S	10 x 1.5	0.6	19.78	560
RCIS09TRNBRC010C2.5S	10 x 2.5	0.6	22.80	779
RCIS09TRNBRC012C1.5S	12 x 1.5	0.6	20.29	604
RCIS09TRNBRC012C2.5S	12 x 2.5	0.6	23.41	847
RCIS09TRNBRC014C1.5S	14 x 1.5	0.6	21.08	663
RCIS09TRNBRC014C2.5S	14 x 2.5	0.6	24.36	935
RCIS09TRNBRC016C1.5S	16 x 1.5	0.6	21.99	730
RCIS09TRNBRC016C2.5S	16 x 2.5	0.6	26.07	1072
RCIS09TRNBRC019C1.5S	19 x 1.5	0.6	23.34	832
RCIS09TRNBRC019C2.5S	19 x 2.5	0.6	27.21	1195
RCIS09TRNBRC020C1.5S	20 x 1.5	0.6	24.39	901
RCIS09TRNBRC020C2.5S	20 x 2.5	0.6	28.87	1321
RCIS09TRNBRC024C1.5S	24 x 1.5	0.6	27.10	1108
RCIS09TRNBRC024C2.5S	24 x 2.5	0.6	32.43	1649
RCIS09TRNBRC025C1.5S	25 x 1.5	0.6	27.10	1118
RCIS09TRNBRC025C2.5S	25 x 2.5	0.6	32.43	1666
RCIS09TRNBRC027C1.5S	27 x 1.5	0.6	27.58	1169
RCIS09TRNBRC027C2.5S	27 x 2.5	0.6	33.00	1744
RCIS09TRNBRC030C1.5S	30 x 1.5	0.6	29.80	1353
RCIS09TRNBRC030C2.5S	30 x 2.5	0.6	33.99	1874
RCIS09TRNBRC036C1.5S	36 x 1.5	0.6	31.66	1549
RCIS09TRNBRC036C2.5S	36 x 2.5	0.6	37.64	2289

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# POLYCAB RR (Reinforced), IS 9968-1

## Rubber Power and Control Cable, 1100 V AC

### Electrical characteristics

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Above table in accordance with the

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