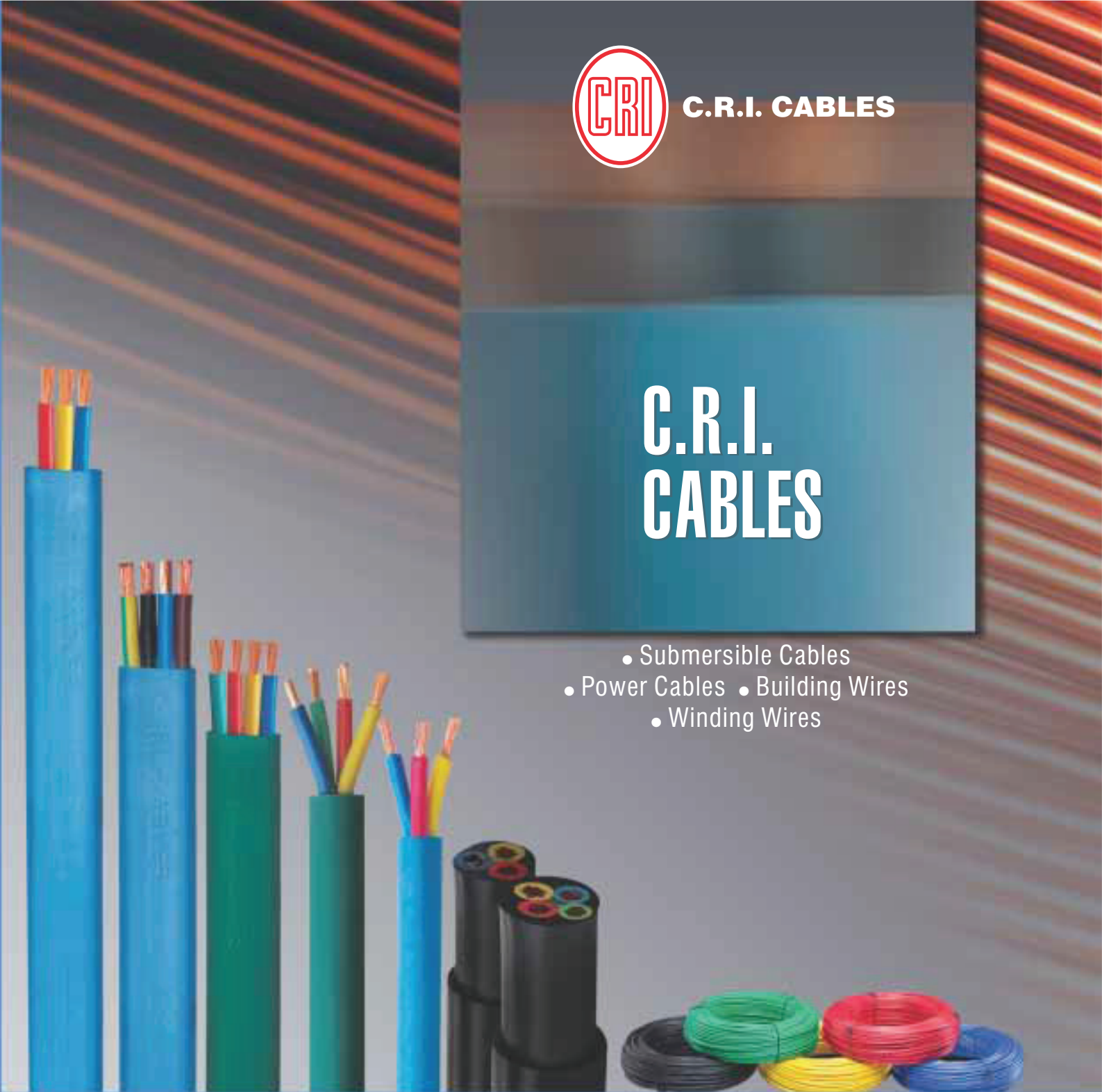




C.R.I. CABLES

C.R.I. CABLES

- Submersible Cables
- Power Cables • Building Wires
- Winding Wires



QUALITY TO THE CORE

**C.R.I. FLUID SYSTEMS**

Pumping trust. Worldwide.

T H E B E G I N N I N G

of C.R.I., way back in 1961, was a resolute attempt to produce a few irrigation equipments using the limited facilities of an in-house foundry. Eventually the founder's dream was coming true as the small production unit he started kept growing rapidly. Now, after more than five eventful decades, it is an enormous, widely reputed organization, which produces more than 2300 varieties of perfectly engineered pumps and motors and sells its products in numerous countries spread across 6 continents.

C . R . I . I S O N E A M O N G

the few pioneers in the world to produce 100% stainless steel submersible pumps. Having achieved a record production capacity of over 2 million pumps per annum, today C.R.I. is rubbing its shoulders with the best brands in the world, with advanced technology and safety standards as its hallmarks.

T H E I N F R A S T R U C T U R E

of C.R.I. is pretty comprehensive with state-of-the-art machineries and high potential in-house R&D recognised by the ministry of science and technology, Govt. of India - all within its own covered area of 300,000 square metres. The production environment is accredited with ISO 9001, ISO 14001 & OSHAS 18001 certifications and the products are CE, UR/UL, TSE & ISI certified. The R&D team always stays in tune with the changing scenario and seldom fails in coming up with outstanding solutions every time.

N E E D L E S S T O S A Y ,

behind this legendary growth lies the untiring, innovative, enthusiastic and dedicated team work. and, of course, a flawlessly maintained value system too. The name C.R.I. itself encapsulates the company's ethos: "Commitment, Reliability, Innovation".



C.R.I. Submersible Cables

Description

C.R.I. submersible cables are produced in a well equipped, state of the art manufacturing facilities and using 99.97% pure bright electrolytic copper with low conductor resistance for high current carrying capacity. The insulation coating is done with superior grade Rubber PVC compounds with high insulation resistance and higher thermal stability. Outer sheath is made up of special grade water proof Rubber / PVC compounds, which gives resistant to moisture, abrasion, grease, oil and other environment effect.

C.R.I. produces different types of submersible cables in a wide range to meet the different needs of customers across the world. C.R.I. supplies cables in both SWG and AWG dimensions. These cables are produced by considering different type of field conditions, voltage fluctuations into account to ensure reliability, safety, longevity and energy saving.

Features

| 99.97% EC Grade Copper | High Conductivity | Better Thermal Stability | Abrasion Resistant PVC Compound | High Ageing property | Impervious to water, oil & grease

Applications

To supply power to submersible motors, pumping equipments & industrial machineries.

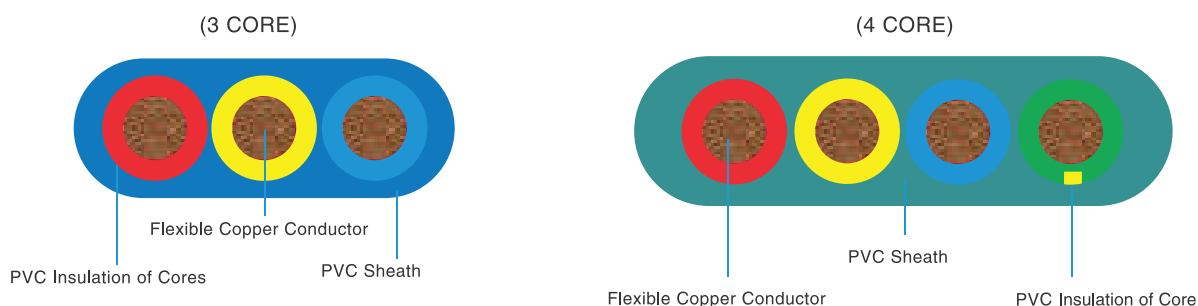
Specifications

Available sizes in Sq.mm	1.5, 2.5, 4, 6, 10, 16, 25, 35, 50, 70, 95, 120 & 150 (3 core and 4 core) - 1100 V
Available sizes in AWG	14, 12, 10, 8, 6, 4, 2, 1, 1/0, 2/0, 3/0, 4/0 (3 core and 4 core) - 600 V
Armoured cables sizes in Sq.mm	1.5 to 400 (3 core and 4 core) 1100 V
Temperature Range	-40°C to +90°C
Conductor material	High conductivity, annealed and bunched copper
Conductor coating	Plain / Tinned
Conductor Resistance is as per :	PVC / Rubber Std - Class 5 of IEC60228, DIN VDE 0295, IS 8130, BS 6360 PVC / Rubber AWG - Class 5 of IEC60228, UL 83, DIN VDE 0295, IS 8130, BS 6360 Armoured Cable - IS : 1554 (Part 1) 1988
Insulation material	Flexible water proof PVC / Rubber. H07RN-f against requirement
Sheath material	Flexible water proof PVC / Rubber. H07RN-f against requirement
Sheath colour	Blue/Black/Green. Other colors can also be supplied against requirement
Standards conforming to	PVC Std - CENELEC HD 21, IEC60227, BS 6500, DIN VDE 0281, IS 694 Rubber Std - CENELEC HD 21.152, DIN VDE 0282, PART 810, IEC 245, CEI 20-19 & BS 6007, BS 6899 PVC AWG - UL 83, IEC 60227, BS 6500, ISI 694 Rubber AWG - UL 83, IEC 60245, DIN VDE 0282, PART 810, BS 6007 & BS 6899 ARMOURED POWER CABLE - IEC 60502-1, BS 5467, BS 6724

Colour Coding : PVC / Rubber Insulated & Sheathed 3 & 4 core, flat & Round (Single / Double sheathed)

Country	Core colour Codes	Outer sheath colour code
European Standard	4 core - Brown, Blue, Black, Yellow with Green stripe 3 core - Brown, Blue, Black	Blue
Australia	4 core - Brown, Blue, Black, Yellow with Green stripe 3 core - Brown, Blue, Yellow with Green stripe	Blue
South Africa	4 core - Red, Yellow, Blue, Green with Yellow stripe 3 core - Red, Yellow, Blue	4 core Round / Flat - Green 3 core Round / Flat - Blue
Sharjah	4 core - Red, Yellow, Blue, Black 3 core - Red, Yellow, Blue	Black
USA Standard - AWG	4 core - Black, Yellow, Red, Green 3 core - Black, Yellow, Red, Green	Blue

PVC 3 & 4 CORE FLAT CABLES



TECHNICAL & DIMENSIONAL TABLE (3 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH			Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Approx. Overall Dimensions (in mm)			
					W	H		
1.5	22/0.30	0.80	3.10	1.15	12.60	6.00	12.10	14.0
2.5	36/0.30	0.90	3.60	1.15	14.45	6.40	7.41	18.0
4.0	56/0.30	1.00	4.20	1.15	16.60	7.40	4.95	26.0
6.0	84/0.30	1.00	5.05	1.15	18.15	7.90	3.30	31.0
10.0	140/0.30	1.00	6.20	1.40	23.20	9.90	1.91	42.0
16.0	224/0.30	1.00	7.30	1.40	27.20	11.40	1.21	57.0
25.0	354/0.30	1.20	9.90	2.00	35.20	14.70	0.780	72.0
35.0	495/0.30	1.20	10.90	2.00	39.20	16.20	0.554	90.0
50.0	703/0.30	1.40	13.30	2.20	45.50	18.30	0.386	115.0
70.0	988/0.30	1.40	15.30	2.20	51.00	20.00	0.272	143.0
95.0	1349/0.30	1.60	18.00	2.40	60.00	23.50	0.206	165.0
120.0	608/0.50	1.80	19.80	2.80	65.00	25.00	0.161	188.0
150.0	760/0.50	2.00	22.00	4.00	76.10	30.70	0.129	216.0



TECHNICAL & DIMENSIONAL TABLE (4 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH			Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Approx. Overall Dimensions (in mm)			
					W	H		
1.5	22/0.30	0.80	3.10	1.30	15.40	6.00	12.10	14.0
2.5	36/0.30	0.90	3.60	1.30	17.35	6.50	7.41	18.0
4.0	56/0.30	1.00	4.20	1.45	20.40	7.60	4.95	26.0
6.0	84/0.30	1.00	5.05	1.50	23.80	7.90	3.30	31.0
10.0	140/0.30	1.00	6.20	1.80	28.90	9.90	1.91	42.0
16.0	224/0.30	1.00	7.30	1.95	35.70	11.40	1.21	57.0
25.0	354/0.30	1.20	9.90	2.00	45.10	14.70	0.780	72.0
35.0	495/0.30	1.20	10.90	2.00	50.10	16.20	0.554	90.0
50.0	703/0.30	1.40	13.30	2.20	58.10	18.30	0.386	115.0
70.0	988/0.30	1.40	15.30	2.20	66.50	20.00	0.272	143.0
95.0	1349/0.30	1.60	18.00	2.40	77.30	23.50	0.206	165.0
120.0	608/0.50	1.80	19.80	3.50	87.00	27.40	0.161	188.0



Note : The number of strands are approximate and strands diameter is nominal
In view of continuous developments, the information / descriptions / specifications / illustrations are subject to change without notice.

PVC 3 & 4 CORE ROUND CABLES - SINGLE SHEATHED



TECHNICAL & DIMENSIONAL TABLE (3 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH		Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Nominal Diameter (in mm)		
1.5	22/0.30	0.80	3.10	1.50	10.00	12.10	14.0
2.5	36/0.30	0.90	3.60	1.50	11.00	7.41	18.0
4.0	56/0.30	1.00	4.20	1.60	13.00	4.95	26.0
6.0	84/0.30	1.00	5.05	1.60	14.60	3.30	31.0
10.0	140/0.30	1.00	6.20	2.00	18.00	1.91	42.0
16.0	224/0.30	1.00	7.30	2.00	21.20	1.21	57.0
25.0	354/0.30	1.20	10.10	2.40	26.50	0.780	72.0
35.0	495/0.30	1.20	11.30	2.60	29.50	0.554	90.0
50.0	703/0.30	1.40	13.30	3.10	34.80	0.386	115.0
70.0	988/0.30	1.40	15.30	3.20	39.30	0.272	143.0
95.0	1349/0.30	1.60	18.00	3.50	45.70	0.206	165.0
120.0	608/0.50	1.90	19.80	3.80	50.20	0.161	188.0
150.0	760/0.50	2.20	22.00	4.00	55.30	0.129	216.0



TECHNICAL & DIMENSIONAL TABLE (4 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH		Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Nominal Diameter (in mm)		
1.5	22/0.30	0.80	3.10	1.50	10.80	12.10	14.0
2.5	36/0.30	0.90	3.60	1.65	12.50	7.41	18.0
4.0	56/0.30	1.00	4.20	1.65	14.10	4.95	26.0
6.0	84/0.30	1.00	5.05	1.65	16.00	3.30	31.0
10.0	140/0.30	1.00	6.20	2.00	20.35	1.91	42.0
16.0	224/0.30	1.00	7.30	2.00	23.40	1.21	57.0
25.0	350/0.30	1.20	10.10	2.40	29.20	0.780	72.0
35.0	490/0.30	1.20	11.30	2.60	32.40	0.554	90.0
50.0	703/0.30	1.40	13.30	3.10	38.25	0.386	115.0
70.0	988/0.30	1.40	15.30	3.20	43.30	0.272	143.0
95.0	1349/0.30	1.60	18.00	3.50	50.40	0.206	165.0
120.0	608/0.50	1.90	19.80	3.80	55.30	0.161	188.0
150.0	760/0.50	2.00	22.00	4.00	61.00	0.129	216.0

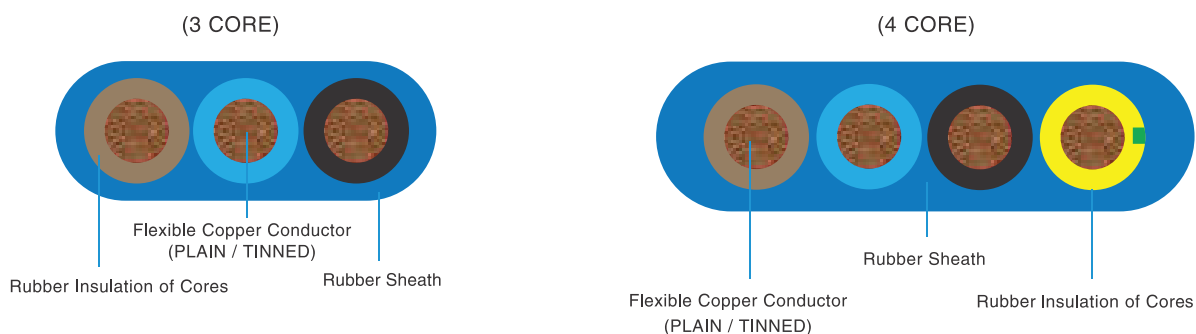


Note : The number of strands are approximate and strands diameter is nominal

In view of continuous developments, the information / descriptions / specifications / illustrations are subject to change without notice.

Important : Do not use single sheath cables for heavy-duty applications like sewage, slurry and de-watering pumps in which the acidic fluids and chemicals may damage the sheath. Double-sheathed cables can be used for these kind of applications.

RUBBER 3 & 4 CORE FLAT CABLES



TECHNICAL & DIMENSIONAL TABLE (3 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH			Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Approx. Overall Dimensions (in mm)			
					W	H		
1.5	22/0.30	0.80	3.10	1.15	12.60	6.00	12.10	14.0
2.5	36/0.30	0.90	3.60	1.15	14.45	6.40	7.41	18.0
4.0	56/0.30	1.00	4.20	1.15	16.60	7.40	4.95	26.0
6.0	84/0.30	1.00	5.05	1.15	18.15	7.90	3.30	31.0
10.0	140/0.30	1.00	6.20	1.40	23.20	9.90	1.91	42.0
16.0	224/0.30	1.00	7.30	1.40	27.20	11.40	1.21	57.0
25.0	354/0.30	1.20	9.90	2.00	35.20	14.70	0.780	72.0
35.0	495/0.30	1.20	10.90	2.00	39.20	16.20	0.554	90.0
50.0	703/0.30	1.40	13.30	2.20	45.50	18.30	0.386	115.0
70.0	988/0.30	1.40	15.30	2.20	51.00	20.00	0.272	143.0
95.0	1349/0.30	1.60	18.00	2.40	60.00	23.50	0.206	165.0
120.0	608/0.50	1.80	19.80	2.80	65.00	25.00	0.161	188.0
150.0	760/0.50	2.20	22.00	4.00	76.10	30.70	0.129	216.0



TECHNICAL & DIMENSIONAL TABLE (4 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH			Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Approx. Overall Dimensions (in mm)			
					W	H		
1.5	22/0.30	0.80	3.10	1.30	15.40	6.00	12.10	14.0
2.5	36/0.30	0.90	3.60	1.30	17.35	6.50	7.41	18.0
4.0	56/0.30	1.00	4.20	1.45	20.40	7.60	4.95	26.0
6.0	84/0.30	1.00	5.05	1.50	23.80	7.90	3.30	31.0
10.0	140/0.30	1.00	6.20	1.80	28.90	9.90	1.91	42.0
16.0	224/0.30	1.00	7.30	1.95	35.70	11.40	1.21	57.0
25.0	354/0.30	1.20	9.90	2.00	45.10	14.70	0.780	72.0
35.0	495/0.30	1.20	10.90	2.00	50.10	16.20	0.554	90.0
50.0	703/0.30	1.40	13.30	2.20	58.10	18.30	0.386	115.0
70.0	988/0.30	1.40	15.30	2.20	66.50	20.00	0.272	143.0
95.0	1349/0.30	1.60	18.00	2.40	77.30	23.50	0.206	165.0
120.0	608/0.50	1.80	19.80	3.50	87.00	27.40	0.161	188.0



Note : The number of strands are approximate and strands diameter is nominal ;
In view of continuous developments, the information / descriptions / specifications / illustrations are subject to change without notice.

RUBBER 3 & 4 CORE ROUND CABLES - SINGLE SHEATHED



TECHNICAL & DIMENSIONAL TABLE (3 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH		Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Nominal Diameter (in mm)		
1.5	22/0.30	0.80	3.10	1.50	10.00	12.10	14.0
2.5	36/0.30	0.90	3.60	1.50	11.00	7.41	18.0
4.0	56/0.30	1.00	4.20	1.60	13.00	4.95	26.0
6.0	84/0.30	1.00	5.05	1.60	14.60	3.30	31.0
10.0	140/0.30	1.00	6.20	2.00	18.00	1.91	42.0
16.0	224/0.30	1.00	7.30	2.00	21.20	1.21	57.0
25.0	354/0.30	1.20	10.10	2.40	26.50	0.780	72.0
35.0	495/0.30	1.20	11.30	2.60	29.50	0.554	90.0
50.0	703/0.30	1.40	13.30	3.10	34.80	0.386	115.0
70.0	988/0.30	1.40	15.30	3.20	39.30	0.272	143.0
95.0	1349/0.30	1.60	18.00	3.50	45.70	0.206	165.0
120.0	608/0.50	1.90	19.80	3.80	50.20	0.161	188.0
150.0	760/0.50	2.00	22.00	4.00	55.30	0.129	216.0



TECHNICAL & DIMENSIONAL TABLE (4 CORE)

CONDUCTOR		RUBBER INSULATION		RUBBER SHEATH		Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Nominal Diameter (in mm)		
1.5	22/0.30	0.80	3.10	1.50	10.80	12.10	14.0
2.5	36/0.30	0.90	3.60	1.65	12.50	7.41	18.0
4.0	56/0.30	1.00	4.20	1.65	14.10	4.95	26.0
6.0	84/0.30	1.00	5.05	1.65	16.00	3.30	31.0
10.0	140/0.30	1.00	6.20	2.00	20.35	1.91	42.0
16.0	224/0.30	1.00	7.30	2.00	23.40	1.21	57.0
25.0	354/0.30	1.20	10.10	2.40	29.20	0.780	72.0
35.0	495/0.30	1.20	11.30	2.60	32.40	0.554	90.0
50.0	703/0.30	1.40	13.30	3.10	38.25	0.386	115.0
70.0	988/0.30	1.40	15.30	3.20	43.30	0.272	143.0
95.0	1349/0.30	1.60	18.00	3.50	50.40	0.206	165.0
120.0	608/0.50	1.90	19.80	3.80	55.30	0.161	188.0
150.0	760/0.50	2.00	22.00	4.00	61.00	0.129	216.0



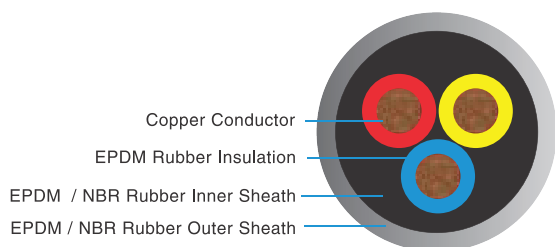
Note : The number of strands are approximate and strands diameter is nominal ;

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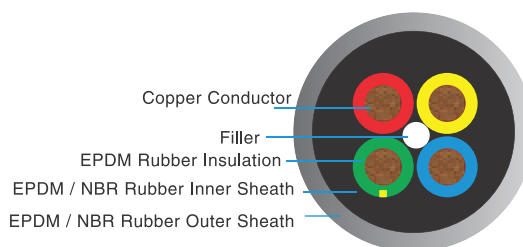
Important : Do not use single sheath cables for heavy-duty applications like sewage, slurry and de-watering pumps in which the acidic fluids and chemicals may damage the sheath. Double-sheathed cables can be used for these kind of applications.

PVC / EPDM RUBBER INSULATED & PVC / EPDM / NBR RUBBER SHEATHED ROUND CABLES 3 & 4 CORE - DOUBLE SHEATHED

(3 CORE)



(4 CORE)



TECHNICAL & DIMENSIONAL TABLE (3 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH		Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Nominal Diameter (in mm)		
1.5	22/0.30	0.80	3.10	1.50	10.00	12.10	14.0
2.5	36/0.30	0.90	3.60	1.50	11.00	7.41	18.0
4.0	56/0.30	1.00	4.20	1.60	13.00	4.95	26.0
6.0	84/0.30	1.00	5.05	1.60	14.60	3.30	31.0
10.0	140/0.30	1.00	6.20	2.00	18.00	1.91	42.0
16.0	224/0.30	1.00	7.30	2.00	21.20	1.21	57.0
25.0	354/0.30	1.20	10.10	2.15	26.00	0.780	72.0
35.0	495/0.30	1.20	11.30	2.15	28.30	0.554	90.0
50.0	703/0.30	1.40	13.30	2.25	33.50	0.386	115.0
70.0	988/0.30	1.40	15.30	2.45	37.80	0.272	143.0
95.0	1349/0.30	1.60	18.00	2.50	43.50	0.206	165.0



TECHNICAL & DIMENSIONAL TABLE (4 CORE)

CONDUCTOR		PVC INSULATION		PVC SHEATH		Conductor Resistance at 20°C (max) ohms/km	CURRENT Rating at 40°C Amps.
Nominal Area in Sq.mm.	No. of conductors/ Nom. dia in mm	Nominal Thickness (in mm)	Nominal Core Dia (in mm)	Nominal Thickness (in mm)	Nominal Diameter (in mm)		
1.5	22/0.30	0.80	3.10	1.50	10.80	12.10	14.0
2.5	36/0.30	0.90	3.60	1.65	12.50	7.41	18.0
4.0	56/0.30	1.00	4.20	1.65	14.10	4.95	26.0
6.0	84/0.30	1.00	5.05	1.65	16.00	3.30	31.0
10.0	140/0.30	1.00	6.20	2.00	20.35	1.91	42.0
16.0	224/0.30	1.00	7.30	2.00	23.40	1.21	57.0
25.0	354/0.30	1.20	10.10	2.20	28.80	0.780	72.0
35.0	495/0.30	1.20	11.30	2.20	31.50	0.554	90.0
50.0	703/0.30	1.40	13.30	2.30	37.30	0.386	115.0
70.0	988/0.30	1.40	15.30	2.60	42.20	0.272	143.0
95.0	1349/0.30	1.60	18.00	2.65	48.80	0.206	165.0



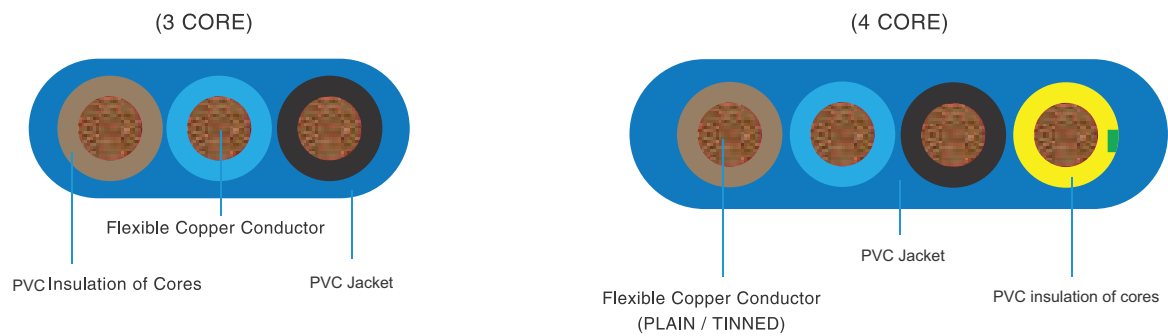
NBR - Nitrile butadiene rubber.

Cables with EPDM Insulation & NBR Sheath is equivalent to H07RN-F Standards.
on request cables with lead free NBR can be supplied.

Note : The number of strands are approximate and strands diameter is nominal.

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PVC 3 & 4 CORE FLAT CABLES (AWG)



TECHNICAL & DIMENSIONAL TABLE (3 CORE)

Conductor Size (AWG)	No. of Conductors	Nom. Conductor Dia (mm)	OD (mm)	Core Thickness (mm)	Core Dia (mm)	Sheath Thickness (mm)	Width (mm)	Height (mm)
14	41	0.254	1.89	1.1	4.15	1.15	14.85	6.55
12	65	0.254	2.38	1.2	4.85	1.15	16.95	7.25
10	105	0.254	3.02	1.2	5.35	1.15	18.45	7.75
8	168	0.254	3.82	1.3	6.35	1.4	21.95	9.25
6	226	0.254	4.43	1.9	8.25	1.4	27.65	11.15
4	420	0.254	6.04	2	9.95	2	33.95	14.05
2	665	0.254	7.6	1.8	11.15	2	37.55	15.25
1	817	0.254	8.42	2.6	13.65	2.2	45.45	18.15
1/0	1045	0.254	9.52	2.1	13.65	2.2	45.45	18.15
2/0	1330	0.254	10.75	2.5	15.65	2.2	51.45	20.15
3/0	1672	0.254	12.05	3	18.05	2.4	59.05	22.95
4/0	2116	0.254	13.55	3.1	19.85	2.65	64.95	25.25



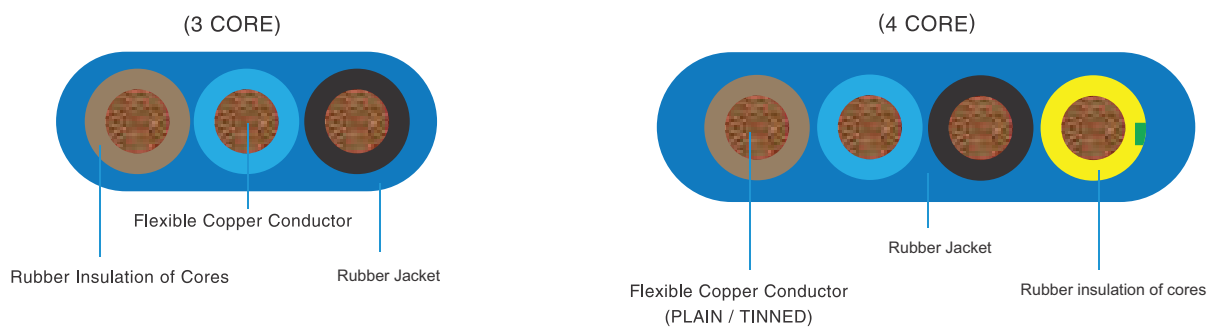
TECHNICAL & DIMENSIONAL TABLE (4 CORE)

Conductor Size (AWG)	No. of Conductors	Nom. Conductor Dia (mm)	OD (mm)	Core Thickness (mm)	Core Dia (mm)	Sheath Thickness (mm)	Width (mm)	Height (mm)	Ground Conductor (AWG)
14	41	0.254	1.89	1.1	4.15	1.15	19	6.55	14
12	65	0.254	2.38	1.2	4.85	1.15	21.8	7.25	12
10	105	0.254	3.02	1.2	5.35	1.15	23.8	7.75	10
8	168	0.254	3.82	1.3	6.35	1.4	28.3	9.25	10
6	226	0.254	4.43	1.9	8.25	1.4	35.9	11.15	8
4	420	0.254	6.04	2	9.95	2	43.9	14.05	8
2	665	0.254	7.6	1.8	11.15	2	48.7	15.25	6
1	817	0.254	8.42	2.6	13.65	2.2	59.1	18.15	6
1/0	1045	0.254	9.52	2.1	13.65	2.2	59.1	18.15	6
2/0	1330	0.254	10.75	2.5	15.65	2.2	67.1	20.15	6
3/0	1672	0.254	12.05	3	18.05	2.4	77.1	22.95	2
4/0	2116	0.254	13.55	3.1	19.85	2.65	84.8	25.25	2



Note : The number of strands are approximate and strands diameter is nominal ;
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RUBBER 3 & 4 CORE FLAT CABLES (AWG)



TECHNICAL & DIMENSIONAL TABLE (3 CORE)

Conductor Size (AWG)	No. of Conductors	Nom. Conductor Dia (mm)	OD (mm)	Core Thickness (mm)	Core Dia (mm)	Sheath Thickness (mm)	Width (mm)	Height (mm)
14	41	0.254	1.89	1.1	4.15	1.15	14.85	6.55
12	65	0.254	2.38	1.2	4.85	1.15	16.95	7.25
10	105	0.254	3.02	1.2	5.35	1.15	18.45	7.75
8	168	0.254	3.82	1.3	6.35	1.4	21.95	9.25
6	226	0.254	4.43	1.9	8.25	1.4	27.65	11.15
4	420	0.254	6.04	2	9.95	2	33.95	14.05
2	665	0.254	7.6	1.8	11.15	2	37.55	15.25
1	817	0.254	8.42	2.6	13.65	2.2	45.45	18.15
1/0	1045	0.254	9.52	2.1	13.65	2.2	45.45	18.15
2/0	1330	0.254	10.75	2.5	15.65	2.2	51.45	20.15
3/0	1672	0.254	12.05	3	18.05	2.4	59.05	22.95
4/0	2116	0.254	13.55	3.1	19.85	2.65	64.95	25.25



TECHNICAL & DIMENSIONAL TABLE (4 CORE)

Conductor Size (AWG)	No. of Conductors	Nom. Conductor Dia (mm)	OD (mm)	Core Thickness (mm)	Core Dia (mm)	Sheath Thickness (mm)	Width (mm)	Height (mm)	Ground Conductor (AWG)
14	41	0.254	1.89	1.1	4.15	1.15	19	6.55	14
12	65	0.254	2.38	1.2	4.85	1.15	21.8	7.25	12
10	105	0.254	3.02	1.2	5.35	1.15	23.8	7.75	10
8	168	0.254	3.82	1.3	6.35	1.4	28.3	9.25	10
6	226	0.254	4.43	1.9	8.25	1.4	35.9	11.15	8
4	420	0.254	6.04	2	9.95	2	43.9	14.05	8
2	665	0.254	7.6	1.8	11.15	2	48.7	15.25	6
1	817	0.254	8.42	2.6	13.65	2.2	59.1	18.15	6
1/0	1045	0.254	9.52	2.1	13.65	2.2	59.1	18.15	6
2/0	1330	0.254	10.75	2.5	15.65	2.2	67.1	20.15	6
3/0	1672	0.254	12.05	3	18.05	2.4	77.1	22.95	2
4/0	2116	0.254	13.55	3.1	19.85	2.65	84.8	25.25	2



Note : The number of strands are approximate and strands diameter is nominal ;
In view of continuous developments, the information / descriptions / specifications / illustrations are subject to change without notice.