

STARCABcables

Networking/LAN Cable

Telephone Cable

CCTV Cable

Flexible Cable

Welcome to STARCAB cables

We are leading cable manufacturer of India. Our dedication towards producing quality product and make available to the global customer. We have a chain of dealer-distributor & associates to meet the demand for our end user.

We are in the line of manufacturing cables from last 30 years under brand name STARCAB We manufacture various types of cables such as **CCTV cable, Networking cable, PCM telecommunication, Electric Power, Instrumentation, House wiring**, etc. to various **BIS ISI:694, DOT**, specifications under brand name **STARCAB CABLES**

About Us

We are in the line of manufacturing cables Since 1977 under brand name STARCAB certified by ISO 9001:2015. We manufacture various types of cables such as **CCTV cable (3+1) , PCM cable, LAN/Networking cable CAT 5e , CAT 6, ELECTRIC CABLE: Power / control / flexible / submersible, COMMUNICATIONS CABLES: Telephone / intercom / instruments cables** , specially developed for **OUTDOOR applications**, All above cables are also for **OUTDOOR, INDOOR AND UNDER GROUND /OVERHEAD applications.** We are supplying these cables to govt. departments, Railways, Ministry of telecommunication, Coalfields Area, Electricity Board, and private market to all over INDIA through our Dealers network as well as through GEM.

We have fully equipped laboratory to test the cable at every stage during manufacturing and on finished cables STARCAB CABLES thus good quality of cable has delivered to costumer as well as end user. We have all cable in **READY STOCK** tested all test as per relevant specification ready for dispatch.

Our Products:

Networking/LAN Cable

LAN Cable Cat 5E / Cat 6 generally to TIA/EIA 568 A/B specially developed for outdoor applications with moisture barrier tape protects Cables from moisture as well as weather conditions. This cable is also ideal for indoor application.

CAT 6 cable conductor size 0.50mm,0.57 mm, 0.60 mm, Armoured and for outdoor purposes also available.

Electrical Performance indoor cable

Input Impedance	100 ohm + 15 ohms 0.772 < freq < 100 22 ohms 100 < freq < 200
Capacitance	4.6 nF / 100 m Nominal
DC Resistance/Unbalance	9.38 ohms / 100 m Max / 2.5 % Max
Nom. Velocity of Propagation	71 %
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Propagation Delay	4.59 nSec/m Max @ 10 Mhz
Propagation Delay Skew	15 nSec / 100 mMax

Mechanical Specification

Nominal Jacket OD	0.195 inch
Nominal Jacket Thickness	0.020 inch
Minimum Spot Thickness	0.016 inch
Installation Temperature	0° C to 50°C

CAT 6 OUTDOOR APPLICATIONS

Conductor	ANNEALED BARE COPPER
SIZE	0.50 mm / 4 PAIR
Resistance	92.20 Ohms/Km at 20 degree C MAX
Type of Insulation	Polyethylene
ID over sheathing	5.0 mm APROX
Materials	PVC FR/LSZH
Color of sheathing	GREY

OD overall	7.1 mm Approx
Materials	LD Black for outdoor/overhead purposes
Nominal velocity propagation	69%
Capacitance unbalance	3.26 pF/ 1 m
PULLING FORCE	40 N
PACKING	305 METER reel packed

CAT 6 ARMoured For UNDERGROUND APPLICATIONS

Conductor	ANNEALED BARE COPPER
SIZE	0.50 mm / 4 PAIR
Resistance	92.20 Ohms/Km at 20 degree C MAX
Type of Insulation	Polyethylene
ID over sheathing	5.0 mm APROX
Materials	PVC FR/LSZH
Color of sheathing	GREY
Armouring Materials and size	G I steel wire ,0.90mm
Sheathing overall	PVC black
OD	10 mm approx

Telephone Cable

Armoured & Unarmoured to ITI/DOT specifications. Unarmoured cables is suitable for use in Indoor Permanent Installations, Telephone Exchanges & Communication Equipments situated in tropical and non-tropical locations. Armoured Cables due to its mechanical strength is suitable for Outdoor & Indoor places .

DRY CORE AS WELL AS JELLY FILLED cables.

[PVC Sheathed Switchboard Cables.](#)

Conductor	Solid annealed plain or tin copper
Insulation	Hard grade PVC/LD with nominal radial thickness according to table
Twinning	Two, Three or Four insulated conductors are uniformly twisted together.
Stranding	The pairs, triples or quads are stranded in concentric layers and the Cable core is wrapped with PVC / Polyester tape. An aluminium myler may be wrapped over the stranding pairs, triples or quads if ordered for screening purpose.
Rip Cord	A non-metallic suitable ripcord shall be laid-up longitudinally under the sheath

Sheath	PVC / Thickness as per related specifications.
Application	These type of Switch Board Unarmoured cables is suitable for use in Indoor permanent installations, telephone exchanges, and communication equipment suited in both tropical and non-tropical Locations.

PVC Insulated PVC Sheathed Armoured Telephone Cables.

Conductor	Solid annealed plain or tinned copper wire
Insulation	Hard grade PVC/LD with nominal radial thickness according to table.
Twinning	Two, Three or Four insulated conductors are uniformly twisted together.
Stranding	The pairs, triples or quads are stranded in concentric layers and the Cable core is wrapped with PVC / Polyester tape. An aluminium myler may be wrapped over the stranding pairs, triples or quads if ordered for screening purpose.
Inner Sheath	PVC / Thickness as related specifications.
Armouring	A Covering of Steel round / flat wire over the sheathing applied, as per IS: 1554 / Pt.I / 88 .
Overall Sheath	A heavy PVC sheath applied over the armouring, thickness as per IS: 1554 / Pt.I / 88.
Application	These type of Armoured cables are for Underground purposes due to their mechanical strength, suitable for indoor or outdoor places, for Telephone Exchanges and communication equipment situated in both Tropical and Non-Tropical locations.

Core Dimensions and Resistance as Per I.T.D. Spn. S/WS - 114 - C.

Type	Nominal Dia of Conductor(mm)	Maximum Resistance at 20° C (ohms/km)	Radial thickness of PVC Insulation (mm)	Maximum Dia of Insulated conductor (mm)
A.	0.50	91.00	0.20 + 0.05 or - 0.02	1.00
B	0.60	57.00	0.25 + 0.05 or - 0.02	1.24
C.	0.71	45.70	0.28 + 0.05 or - 0.02	1.37
D.	0.90	28.45	0.33 + 0.05 or - 0.02	1.66
E.	1.12	18.64	0.41 + 0.05 or - 0.02	2.04

Electrical Data (Conductor)

Conductor Diameter	Maximum Conductor Resistance at 20° C.	Minimum Elongation.
0.50 mm	92.2 Ohms/km.	15 %
0.60 mm	64.0 Ohms/km.	15 %
0.71 mm (+/- 0.0127 mm)	45.7 Ohms/km.	20 %

Electrical Data (Insulation)

Insulation Resistance	Insulation Resistance of finished cables 5 M.ohms/km at 50° C between two insulated conductors.
Spark Test Voltage	3000 Volts (RMS)
High Voltage Test	3 kV DC or 2 kV RMS between each conductor and remaining conductors bunched and earthed.

Armoured Telecommunication cables to ITD-113C (G/WIR-06/03, MARCH02) Armouring to IS:1554 (Part.I) 1988.

No of Pairs	Conductor Diameter (mm)	Overall Dia of Finished Cable.(mm)	Approx. weight of Cables(kg/km)	Conductor Diameter (mm)	Overall Dia of Finished Cables. (mm)	Approx. Weight of Cables.(kg/km)	Std. Drum Length. (m)
1.	0.50	9.20	171.000	0.60	9.50	185	1000
2.	0.50	10.00	197.000	0.60	10.40	216	1000
3.	0.50	10.75	235.000	0.60	10.80	266	1000
4.	0.50	11.20	258.000	0.60	11.35	292	1000
5.	0.50	12.00	308.000	0.60	12.50	354	1000
10.	0.50	13.30	400.000	0.60	14.00	441	1000
15.	0.50	14.80	485.000	0.60	15.0	413	1000
20.	0.50	16.30	572.000	0.60	16.50	588	1000
25.	0.50	17.20	645.000	0.60	17.70	694	500
30.	0.50	18.20	710.000	0.60	19.0	785	500
35.	0.50	19.10	766.000	0.60	18.50	715	500
40.	0.50	18.60	775.000	0.60	19.90	810	500
50.	0.50	21.10	840.000	0.60	21.80	960	500
75.	0.50	24.40	1100.000	0.60	26.00	1325	500
100.	0.50	28.50	1405.000	0.60	29.60	1650	500
200.	0.50	37.50	2375.000	0.60	41.10	2900	250

Armoured Telecommunication cables to ITD-114B, Armouring as per IS:1554 (Part.I) 1554/1988.

No of Pairs	Conductor Diameter (mm)	Overall Dia of Finished Cable.(mm)	Approx. weight of Cables(kg/km)	Conductor Diameter (mm)	Overall Dia of Finished Cables. (mm)	Approx. Weight of Cables.(kg/km)	Std. Drum Length. (m)
1.	0.70	9.80	171	0.90	10.70	258	500
2.	0.70	10.75	254	0.90	11.40	293	500
3.	0.70	11.50	320	0.90	12.00	329	500
4.	0.70	12.40	345	0.90	15.30	475	500
5.	0.70	14.30	430	0.90	16.10	530	500
6.	0.70	14.70	455	0.90	16.30	550	500
7.	0.70	15.0	485	0.90	16.65	585	500
8.	0.70	15.60	510	0.90	16.95	615	500
10.	0.70	16.50	580	0.90	17.70	675	500
15.	0.70	17.65	670	0.90	20.00	725	500
20.	0.70	18.75	680	0.90	21.60	910	500
25.	0.70	20.00	815	0.90	22.75	1038	500
30.	0.70	21.50	885	0.90	24.75	1205	500
35.	0.70	23.00	1000	0.90	26.15	1345	500
40.	0.70	24.70	1130	0.90	-	-	-
50.	0.70	26.50	1290	0.90	32.00	1885	250
75.	0.70	32.10	1800	0.90	38.00	2535	250
100	0.70	35.60	2230	0.90	42.70	3215	250

Packing

Packing & Delivery	The Switch board cables will be delivered in 100 Mtrs length or as ordered. And the armoured cables will be delivered in 500/1000 or as ordered.
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CCTV Cable

We manufacturer CCTV cable with pure copper for various types of cameras HD, etc, cables are made of **pure copper**, Polyethylene insulated cores, shielded/braided with Alm. taped, with solid or flexible coaxial cable and 3 power cable, overall polyster film taped and sheathed for **OUTDOOR** and **INDOOR** applications, widely used for Offices, **SHOPS, MALLS, Roads, streets, Railway stations** etc

SIZE OF CABLE	Overall Dia of Finished Cable.(mm)	Approx. weight of Cables(kg/km)
3+1	5.20	36.100
4+1	5.40	37.500
6+1	6.80	40.550

Packing CCTV cable

Packing & Delivery	100 YARD X 2 COIL (BOX PACKING}
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Electric Cable

Armoured & Unarmoured cables to IS:1554/Pt.I suitable for Generating Stations, Sub-Stations House Service Connections, Street Lighting, Industrial Installation, Building wiring etc.

Various Sizes of Cables as per IS:1554 / Pt.I

Sizes	Cable Code	
1. Unarmoured Aluminium conductor / Copper Conductor. Solid / Stranded PVC Insulated PVC Sheathed 1 core.	1.5 Sq.mm to 120 Sq.mm	AYY/YY
2. Unarmoured 2 core / 3 core / 31/2 core / 4 core. Aluminium or Copper conductor, Solid / Stranded. PVC insulated PVC Sheathed.	1.5 Sq.mm to 50 Sq.mm	AYY/YY
3. Armoured 2 core / 3 core / 31/2 core / 4 core. Aluminium or Copper conductor, Solid / Stranded. PVC insulated, inner armoured with steel wire / strip, Overall PVC Sheathed.	1.5 Sq.mm to 50 Sq.mm	

Armoured & Unarmoured Cables to IS:1554/Pt.I, Suitable for Control Purposes or measuring circuits in Generating Stations, Sub-Stations, Industrial Installations as well for Railway Signalling etc.

Starcab Cable Brand Armoured Control Cable Type - YWY and YFY 650 / 1100 Volts Grade with Copper Conductor - to IS: 1554 / Pt.I

Size		
1. Armoured Control Cable PVC Insulated, PVC Inner Armoured with steel wire / strip overall PVC	2, 3, 4, 5, 6, 7, 10, 12, 14, 16, 19, 24, 29, 30, 37, 44,	500 m drum

sheathed size 1.50 sq mm.	48, 52, 54, 61.	length
2.Armoured Control Cable PVC Insulated, PVC Inner Armoured with steel wire / strip overall PVC sheathed size 2.50 sq mm.	2, 3, 4, 5, 6, 7, 10, 12, 14, 16, 19, 24, 29, 30, 37, 44, 48, 52, 54, 61.	500 m drum length

Flexible Cables to IS:694, suitable for Indoor/Outdoor such as Moving Instruments, Internal Lighting in buildings & various type of home appliances etc. Sheathed/Unsheathed Copper cable to IS:694 suitable for Indoor/Outdoor use such as Light fitting for fix wiring in houses and Industrial use, Panel board fitting etc. The aluminium conductor cables can be used in Fix wiring in houses & Industrial use.

Flexible Cable

Starcab Cable Brand PVC Insulated, Sheathed or Unsheathed 650/1100 Volts grade to IS: 694

Size	Drum Length	
1. 2 core PVC Insulated twin twisted flexible, unsheathed	0.50 sq.mm to 4.00 sq.mm	100 m Coil
2. Single core PVC Insulated unsheathed	0.50 sq.mm to 4.00 sq.mm	100m Coil
3. 2 core, 3 core, 4 core PVC Insulated cores, PVC sheathed round flexible	0.50 sq.mm to 50.00 sq.mm	100m Coil