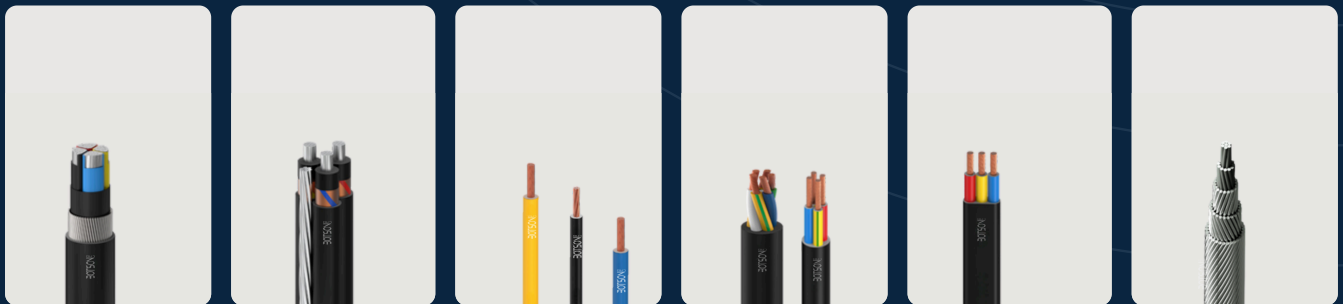


PRODUCT CATALOGUE 2026

Electrical Wires & Cables

Botson Product Range

Power, control, building, flexible and submersible cables, LT aerial bunched cable and overhead conductors, supplied by NOVA Cable Company.



BIDDER & SUPPLY PARTNER

NOVA
CABLE COMPANY

PRODUCT BRAND

BOTSON CAB

Telecom cable since 1993. Now your partner for electrical cable too.

Nova Cable Company (NCC) manufactures optical fibre and telecom cable in-house for telecom operators, ISPs, EPC contractors and government projects. Our optical fibre cable runs up to 288 fibres, and every drum is OTDR-tested and shipped with its test report.

288F

Highest fibre count made in-house

100%

Drums OTDR-tested, with report

ISO 9001

2015-certified quality system

1993 Nova Cable Company founded in New Delhi; coaxial cable manufacturing begins.

2005 Optical fibre patch cords and passive components added.

2021 Optical fibre cable manufacturing begins; the range now runs to 288F.

OUR ELECTRICAL PRODUCTS PARTNERSHIP

One supplier for telecom and electrical cable.

Through an authorized supply arrangement with BOTSONCAB, NOVA now offers a full range of electrical wires and cables alongside our own optical fibre range. Customers and EPC contractors can source telecom and electrical cable through one point of contact, with NOVA as the bidder and supplier.

WHO DOES WHAT	
Bidder & supplier	Nova Cable Company
Quotation, order & delivery	Nova Cable Company
Product brand	BOTSONCAB
Manufacturer	Tycon India LLP, Ghaziabad (UP)

Botson electrical-wire products are offered and supplied by Nova Cable Company under an authorized commercial arrangement.

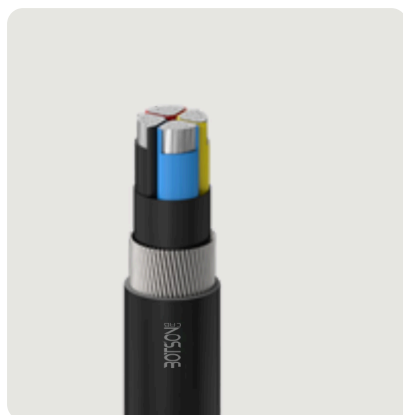
The Botson range at a glance

Ten product families for power distribution, buildings, industry, water pumping and railways. Standards are as declared by the manufacturer.

PRODUCT	RANGE	STANDARD	PAGE
01 · HEAVY DUTY CABLES			
Power & control cables	Up to 1.1 kV	IS 7098-1 · IS 1554-1	04
Railway signalling cables	1.1 kV grade	IRS 63/2007	04
LT aerial bunched cable	1.1 kV · 16–95 sq mm	IS 14255 · IS 7098	05
Cables for nuclear power plants	0.5–400 sq mm	IS 7098-1 · IS 1554-1	05
02 · LIGHT DUTY CABLES			
Building wires	0.5–16 sq mm	IS 694	06
Industrial flexible cables	0.5–400 sq mm	IS 694	06
Submersible cable	0.5–95 sq mm	IS 694	07
Service wire	1.5–10 sq mm	IS 694	07
03 · CONDUCTORS			
Railway overhead conductor	Contact, catenary, dropper	RDSO specifications	08
Aluminium conductors	ACSR · AAC · AAAC	IS 398 (Parts 1, 2, 4)	08

HEAVY DUTY CABLES

MANUFACTURED BY TYCON INDIA LLP (BOTSONCAB) • SUPPLIED BY NOVA CABLE COMPANY



Power & control cables

UP TO 1.1 kV • AL / CU • XLPE / PVC

RANGE & CONSTRUCTION

- Up to 1.1 kV
- Power: 1.5 to 1000 sq mm; 1, 2, 3, 3½ and 4 cores
- Control: 2 to 100 cores, 1.5 and 2.5 sq mm
- Aluminium or copper conductor
- XLPE or PVC insulation
- Armoured or unarmoured
- FR, FRLSH, PVC ST2 or LSZH sheath

STANDARDS (AS DECLARED)

IS 7098 (Part 1)

IS 1554 (Part 1)

APPLICATIONS

Renewable energy

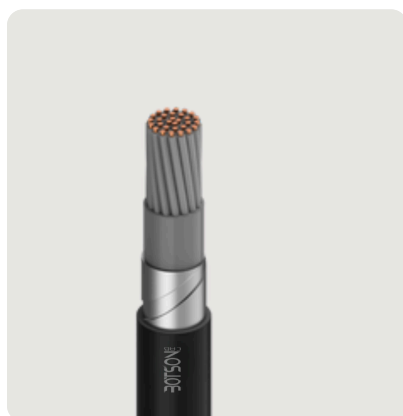
Cement & steel

Nuclear & thermal power stations

Distribution & power networks

Building, mining & railways

Automation & manufacturing



Railway signalling cables

1.1 kV GRADE • COPPER • ARMoured

RANGE & CONSTRUCTION

- 1.1 kV grade
- Copper conductor
- PVC insulated
- Armoured, unscreened

FEATURES

- Flexible application

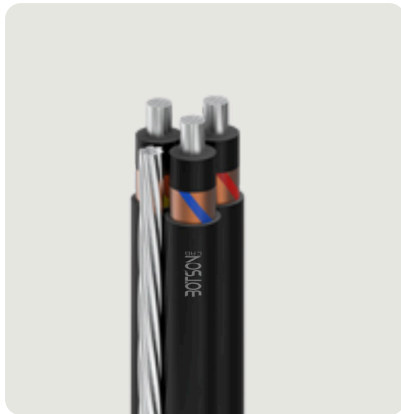
STANDARDS (AS DECLARED)

IRS 63/2007

APPLICATIONS

Railway signalling

Product data as published by the manufacturer. Confirm detailed specifications with NOVA before ordering.



LT aerial bunched cable

1.1 kV • ALUMINIUM • XLPE • 16–95 sq mm

RANGE & CONSTRUCTION

- 1.1 kV
- Stranded, compacted aluminium conductor
- XLPE insulated, PVC sheathed
- Messenger conductor, with or without insulation
- Sizes 16 to 95 sq mm

FEATURES

- High insulation resistance
- UV resistant

STANDARDS (AS DECLARED)

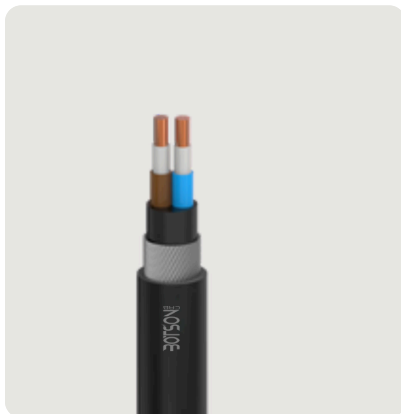
IS 14255

IS 7098

APPLICATIONS

Overhead power supply

Rural power distribution



Cables for nuclear power plants

POWER • CONTROL • INSTRUMENTATION • 0.5–400 sq mm

RANGE & CONSTRUCTION

- Annealed bare or tinned copper, solid or stranded
- Mica-taped, XLPE or EPR insulation
- Cores, pairs or triples; individual or overall Al-Mylar shield with drain wire, or unshielded
- G.I. or aluminium armour, or unarmoured
- PVC, low-smoke low-halogen or CSP outer sheath
- Power, control, instrumentation and fire-survival types, 0.5 to 400 sq mm

FEATURES

- Radiation resistant
- Long service life

STANDARDS (AS DECLARED)

IS 7098 (Part 1)

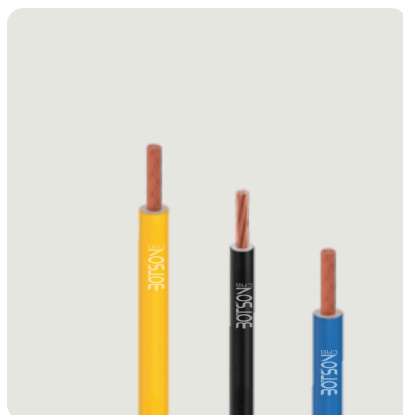
IS 1554 (Part 1)

APPLICATIONS

Nuclear power plant power, control & instrumentation circuits

LIGHT DUTY CABLES

MANUFACTURED BY TYCON INDIA LLP (BOTSONCAB) • SUPPLIED BY NOVA CABLE COMPANY



Building wires

0.5–16 sq mm • FR • FRLSH • LSZH • FS

RANGE & CONSTRUCTION

- FR (flame retardant)
- FRLSH (flame retardant, low smoke & halogen)
- LSZH (low smoke, zero halogen)
- FRLF (flame retardant, lead free)
- HR-FR-LSH-LF (heat resistant, low smoke & halogen, lead free)
- FS (fire survival)
- Sizes 0.5 to 16 sq mm

FEATURES

- Flame retardant
- Lead free
- RoHS & REACH compliant (declared by manufacturer)
- Smooth, glossy finish

STANDARDS (AS DECLARED)

IS 694

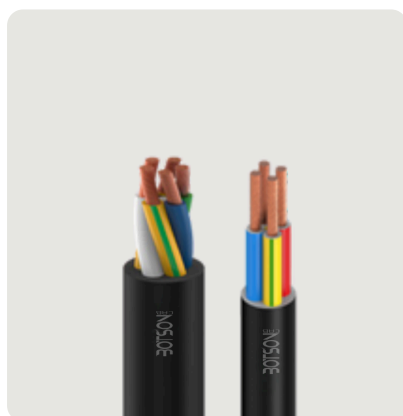
APPLICATIONS

Residential buildings

Hospitals & malls

High-rise towers

Real estate & industry



Industrial flexible cables

SINGLE & MULTICORE • 0.5–400 sq mm

RANGE & CONSTRUCTION

- Single core and multicore
- FR, FR-LSH, HR-FR-LSH or LSZH
- 0.5 to 400 sq mm

FEATURES

- Extra flexible
- High insulation resistance
- High abrasion resistance
- Heat resistant
- Smooth, glossy surface

STANDARDS (AS DECLARED)

IS 694

APPLICATIONS

Machines & machine tools

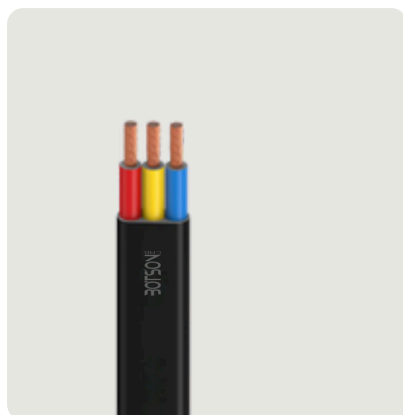
Cranes

Panel wiring

Product data as published by the manufacturer. Confirm detailed specifications with NOVA before ordering.

LIGHT DUTY CABLES

MANUFACTURED BY TYCON INDIA LLP (BOTSONCAB) • SUPPLIED BY NOVA CABLE COMPANY



Submersible cable

2C & 3C FLAT • 0.5–95 sq mm • COPPER

RANGE & CONSTRUCTION

- 2 and 3 core, 0.5 to 95 sq mm
- Electrolytic-grade copper conductor
- Special-grade PVC insulation on co-extrusion lines
- Abrasion-resistant PVC sheath, resistant to grease, oil and water

FEATURES

- Designed for continuous immersion in water
- Protected against rain-water and small solid particles
- Flexible, smooth finish

STANDARDS (AS DECLARED)

IS 694

APPLICATIONS

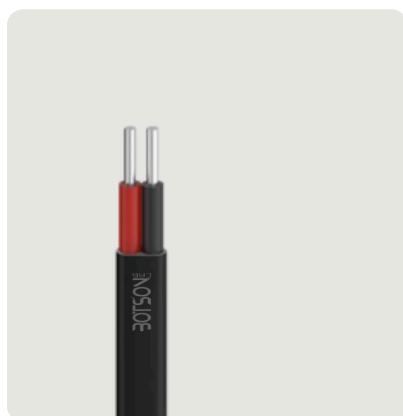
Borewell & open-well pumping

Canal & river lift irrigation

Public & commercial water supply

Mine dewatering

Industrial water transfer



Service wire

2C TWIN FLAT • ALUMINIUM • 1.5–10 sq mm

RANGE & CONSTRUCTION

- Solid aluminium conductor
- PVC insulated, PVC sheathed twin flat
- 2 core, 1.5 to 10 sq mm

FEATURES

- High insulation resistance
- High moisture resistance

STANDARDS (AS DECLARED)

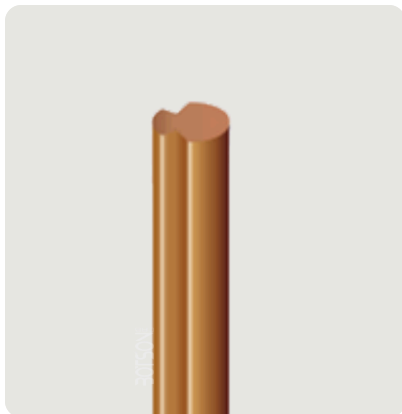
IS 694

APPLICATIONS

Buildings & complexes

Industries

Product data as published by the manufacturer. Confirm detailed specifications with NOVA before ordering.



Railway overhead conductor

CONTACT WIRE • CATENARY WIRE • DROPPER

RANGE & CONSTRUCTION

- Contact wire
- Catenary wire
- Dropper

FEATURES

- Hard-drawn grooved copper or copper alloy
- Built for wear, high temperature and varying electrical load

STANDARDS (AS DECLARED)

As per RDSO specifications

APPLICATIONS

Mainline railways

Suburban & metro rail

Dedicated freight corridors

High-speed rail

Industrial & private sidings



Aluminium conductors

ACSR • AAC • AAAC

RANGE & CONSTRUCTION

- ACSR conductor
- AAC conductor
- AAAC conductor

FEATURES

- High electrical conductivity
- Lightweight, high strength-to-weight ratio
- Corrosion resistant
- Easy to install; long service life, low maintenance

STANDARDS (AS DECLARED)

IS 398 (Part 2):1996 • ACSR

IS 398 (Part 1):1976 • AAC

IS 398 (Part 4):1994 • AAAC

APPLICATIONS

Distribution lines

Transmission lines

Product data as published by the manufacturer. Confirm detailed specifications with NOVA before ordering.



ENQUIRIES, QUOTATIONS & ORDERS

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