

Register of colours of manufacturers' identification threads for electric cables and cords

Ninth edition

Registre des couleurs des fils pour les câbles et
les cordons électriques, destinés à identifier
les fabricants de ceux-ci

Farbenregister der Fabrik-Kennfäden für
elektrische Leitungen und Schnuren

Committees responsible for this Published Document

The preparation of this Published Document was entrusted by the Cables and Insulation Standards Policy Committee (CIL/-) to Technical Committee CIL/20, upon which the following bodies were represented:

- Association of Consulting Engineers
- Association of Manufacturers of Domestic Electrical Appliances
- BEAMA Electrical Cable and Conductor Accessory Manufacturers' Association
- British Approvals Service for Cables
- British Cable Makers Confederation
- British Plastics Federation
- British Steel Industry
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electricity Association
- Engineering Equipment and Materials Users' Association
- Institution of Electrical Engineers
- London Regional Transport

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Introduction

This Published Document is the ninth edition, being a revision of PD 2379 : 1990, which is withdrawn.

The administration of the scheme for allocating distinctive combinations of coloured identification threads to manufacturers of electric cables was transferred from the Ministry of Defence to the British Standards Institution in 1950 and to the British Approvals Service for Cables (BASEC) in 1990. BASEC is responsible for issuing all the colour combinations contained in this document, except those allocated to the companies listed for France and Sweden. Those companies, however, are BASEC licensees.

The earlier editions of the register were published in mimeographed form between 1950 and 1956, when the fourth edition appeared as a Published Document under the present reference number, PD 2379. The fifth edition, published in 1962, was brought up to date and the allocations made by the Canadian Standards Association to Canadian firms were included.

In the sixth edition, published in 1977, an endeavour was made to indicate the former title where takeovers or mergers had occurred. This policy has been continued in this ninth edition which includes all new allocations and changes made up to 30 September 1993.

As in the sixth edition, annex A details the approval thread of BASEC (British Approvals Service for Cables), the common marking thread of CENELEC (European Committee for Electrotechnical Standardization) and the morse-coded approval thread of the IECEE (IEC System for Conformity Testing to Standards for Safety of Electrical Equipment).

1 Extent of scheme

The scheme covers firms with factories in Australia, Canada, France, India, Ireland, Kenya, Jamaica, Malaysia, New Zealand, Pakistan, Singapore, South Africa, Sweden, Trinidad and Tobago, United Kingdom and Zambia. It is known that some of the colour combinations allocated under the present scheme have also been adopted by manufacturers with factories outside the area covered. There can therefore be no certain identification of a manufacturer from a sample,

unless it is known that the cable was made in a country covered by the scheme. International discussions have taken place in an attempt to resolve this difficulty, but an agreed scheme had not been developed up to the date of publication of this edition of the register.

It will be realized that identification by coloured threads is not the only method of identifying the name of the manufacturer within a cable. Several other systems are also in general use, including printed tapes, printing on the core or sheath and indenting or embossing of the core or sheath.

2 Correspondence and applications for new allocations

Applications for new allocations of identification colours under this scheme should be made to BASEC, Silbury Court, 360 Silbury Boulevard, Milton Keynes, Buckinghamshire MK9 2AF. Reference to the number of this document, PD 2379, will assist in dealing with correspondence connected with this register.

3 Standard colours

Up to the fifth edition, the colours adopted for identification threads were cross-referenced to the British Colour Council's 'Dictionary of Colour Standards'. This council is, however, no longer in existence and it has been decided that it is not necessary to define the colours within close limits, but to leave it in the hands of manufacturers to ensure that the colours are easily distinguishable from each other.

The colours used are as follows and in the lists they appear in alphabetical order.

Black, blue, brown, green, grey¹⁾, mauve, orange, purple²⁾, red, white and yellow.

4 Material

Each identification thread consists of 1, 2, 3, 4 or 8 coloured strands, twisted together or laid parallel, the colours for each individual manufacturer being as listed.

Any suitable material may be used provided that it is not soluble in acetone and will retain the colourings without fading.

¹⁾In Canada, this colour is known as 'slate'.

²⁾Used only in Canada.

5 Alphabetical list of firms by country

5.1 Australia

The following colour combinations have been allocated through BASEC or the Standards Association of Australia, Standards House, 80 Arthur Street, North Sydney, NSW 2059, Australia.

*Austral Standard Cables Pty Ltd (now MM Cables)	Blue, brown, green
Australian Insulated Cables Pty Ltd	Grey, orange, red
A F Bambach Pty Ltd	Red, white, yellow
*Bly's Industries Pty Ltd (now MM Cables)	Black, red, yellow
Burton Electrical Manufacturing Company	Blue, brown, white
*Cable Makers Australia Pty Ltd (Queensland) (now MM Cables)	Black, black, orange
*Cable Makers Australia Pty Ltd (WA) (now MM Cables)	Black, orange, orange
*Camelec Ltd (integrated into Pirelli Ericsson Cables Ltd ca 1978)	Black, green, grey
*Conqueror Cables Pty Ltd (integrated into Pirelli Ericsson Cables Ltd ca 1978)	Brown, green, white
CPE Cables	Blue, green, grey, orange
Electra-Cables (Aust) Pty Ltd	Brown, green, grey, red
G W Engineering Pty Ltd (formerly Sphinx Engineering Pty Ltd)	Black, green, white
Hartland Manufacturing Co	Brown, white, yellow
J C Ludowici & Son, Ltd	Blue, brown, yellow
*Metal Manufacturers Pty Ltd (now MM Cables)	Blue, white, yellow
M M Cables (formerly Cable Makers Australia Pty Ltd (NSW))	Black, orange
Olex Cables Pty Ltd	Red, yellow
Pirelli Cables Australia Ltd (formerly Pirelli Ericsson Cables Ltd)	Black, green, grey
Regal Braiding Pty Ltd	Black, brown, yellow
Spinaway Cables (formerly Spinaway Industries Pty Ltd)	Blue, brown, red
Standards Association of Australia	Green, orange, red, yellow
Wiring Assemblies	Orange, red, white

* An asterisk preceding a company name indicates that the company has ceased trading under this name. However, to avoid the possibility of confusion, it is intended not to re-allocate the colour combinations for a long period.

5.2 Canada

For cables made in Canada the standard manufacturer's identification marking is by means of threads in which a purple coloured strand indicates Canadian manufacture. This enables cables of Canadian manufacture to be distinguished from cables made in the USA, where purple threads are not used for this purpose. The only use of a colour similar to purple in the allocations to the other participating countries is the single mauve thread allocated to a firm in the United Kingdom. Mauve has purposely not been used in combination with any other colour in two-ply, three-ply or four-ply threads allocated to countries other than Canada.

The following colour combinations have been allocated through BASEC or the Canadian Standards Association, 178 Rexdale Boulevard, Rexdale, Ontario, Canada, M9W 1R3.

Alcan Canada Products (a division of Aluminium Company of Canada Ltd) (Bracebridge Plant)	Blue, purple, red, white
Aluminium Company of Canada Ltd (Shawinigan, Que)	Blue, purple, red
Boston Insulated Wire & Cable Co Ltd	Blue, purple
Cable Tech Wire Co Ltd	Blue, green, purple
Canada Wire & Cable Co Ltd (Fergus, Ont)	Purple, red, red
Canada Wire & Cable Co Ltd (Leaside, Ont)	Purple, red
Canada Wire & Cable Co Ltd (Orangeville, Ont)	Purple, red, white
Canada Wire & Cable Co Ltd (Vancouver, BC)	Brown, purple, red
Canada Wire & Cable Co Ltd (Weyburn, Sask)	Black, brown, purple
Canada Wire & Cable Co Ltd (Winnipeg, Man)	Grey, purple, red
Canadian General Electric Co Ltd	Black, purple
Canwirco (Belleville)	Black, black, purple
(formerly Fabiricon Manufacturing Ltd)	
*Dieplast Co Ltd	Green, purple, white
General Wire & Cable Co Ltd	Green, purple, red
Industrial Wire & Cable Co Ltd	Black, purple, white
ITT Wire & Cable (Phillips)	Black, blue, purple
(formerly Royal Electric Co (Quebec) Ltd)	
Les Câbles Industriels (Quebec, Que)	Black, green, purple
Leviton Manufacturing of Canada Ltd	Purple, white, white
Lica Wire Ltd, Hamilton, Ontario	Brown, brown, purple
Nawico (Lachine, Que)	Blue, blue, purple
Northern Telecom Ltd	Orange, purple
(Montreal - Toronto Blvd Plant, Lachine)	
Northern Telecom Ltd (Nova Scotia)	Black, orange, purple
Phillips Cables Ltd (Brockville, Ont)	Brown, purple, white
Phillips Cables Ltd (Dartmouth, NS)	Green, purple
(formerly Phillips Electrical Co Ltd (Woodside))	
Phillips Cables Ltd (Scarborough, Ont)	Brown, purple
(formerly Triangle Conduit & Cable (Canada) Ltd)	
Phillips Cables Ltd (Vancouver, BC)	Blue, purple, white
Pirelli Cables Ltd (Guelph, Ont)	Purple, white
(formerly Federal Wire & Cable Co Ltd)	
Pirelli Cables Ltd (St Louis Street plant)	Grey, purple
Pirelli Cables Ltd (Surrey, BC)	Grey, grey, purple

* An asterisk preceding a company name indicates that the company has ceased trading under this name. However, to avoid the possibility of confusion, it is intended not to re-allocate the colour combinations for a long period.

5.3 France

The following colour combination has been allocated.

Cableries de Lens

Green, white, yellow, white, blue,
white, red, white

5.4 India

The following colour combinations have been allocated through BASEC or the Indian Standards Institution, Manak Bhavan, 9 Bahadur Shah Zafar Marg, New Delhi 1, India.

Aeon Teletronics, Bangalore	Green, grey, orange, yellow
Ajanta Enterprises, New Delhi	Green, grey, red, yellow
Aur Cables Khasra, New Delhi	Green, grey, orange, white
Aksh India Pvt, New Delhi	Brown, orange, white, yellow
Alfa Rubber Company	Brown, grey
Allied Cables & Industries, New Delhi	Blue, green, white, yellow
Aluminium Industries Ltd	Green, orange, white
Ashoka Cable Works, New Dehli	Black, brown, orange, red
Asian Cables Corporation Ltd	Green, grey, orange
Bat-Bro Engineering & General Manufacturers	Black, blue, grey, yellow
Bhagyeddeep Cables Pvt Ltd, Bangalore	Green, grey, white, yellow
Biren Mfg Co (Cables) Pvt Ltd	Black, brown, green, red
Bombay Cable Company Pvt Ltd	Black, blue, green, grey
Brijbasi Insulated Cable Company	Black, blue, green, red
Cable Corporation of India Ltd	Black, blue, red, yellow
Choudhari Metal Industries (P) Ltd	Black, brown, green, orange
Continental Cables, New Delhi	Black, black, white
Darina Cable Industries	Black, blue, orange, red
Dawson Electric Industries, Delhi	Blue, green, orange, white
Delton Cable Industries Pvt Ltd (formerly Delton Cable Company)	Blue, grey, red
Deluxe Electrical Industries, New Delhi	Brown, green, orange, white
Devidayal Electronics & Wires Ltd (formerly Devidayal Cable Industries (Pvt) Ltd)	Green, grey, yellow
Diamond Rubber Works Pvt Ltd	Black, blue, brown, white
Doorwani Cables Pvt Ltd	Black, grey, orange, white
Dynamic Wire & Cords, Faridabad	Green, red, white, yellow
Elkey Telelinks, Faridabad	Black, black, grey
Ericsson's Telephone Sales Corporation	A single grey thread
Evershine Electrical Works	Black, blue, grey, orange
Fixwell Cables (P) Ltd, New Delhi	Blue, green, grey, yellow
Fort Gloster Industries Ltd	Brown, orange, yellow
Goodwill Rubber (India), New Delhi	Brown, green, orange, red
Grandlay Electricals (India) Ltd (formerly Grandlay Electrical Ltd)	Brown, orange, white
Henley Cables India Ltd	Brown, grey, orange
Hi-Tech Cables, New Delhi	Green, grey, red, white

Himalaya Cable Industries, New Delhi	Black, brown, red, yellow
Hindustan Cables Ltd	Blue, grey, yellow
Hindustan Cables Ltd, Delhi	Black, brown, white, yellow
Hindustan Insulations (P) Ltd	Black, brown, green, grey
Home Appliances, New Delhi	Black, brown, grey, orange
Indian Cable & Wire Industries	Black, blue, brown, yellow
Indian Cable Co Ltd	Blue, red
Indian Cable Industries	Black, blue, white, yellow
Indian Communication Cable Co	Black, brown, red, white
Indian Telephone Industries Ltd	Black, blue, green
Indian Traders Private Ltd	Grey, orange, yellow
Jai Bharat Industries, New Delhi	Blue, green, grey, white
Janta Wire Works, Shahdara, Delhi	Black, grey, red, yellow
JK Cable Industries, Noida	Black, green, red, yellow
Kay Tee Cables, New Delhi	Black, brown, orange, yellow
Krishna Electrical Industries Pvt Ltd, Morena	Black, orange, white, yellow
Krishna Electrical Industries, New Delhi	Black, grey, white, yellow
Kunol Bros Private Ltd, New Delhi	Blue, grey, orange, yellow
Laxman Singh Jariwala, New Delhi	Brown, orange, red, white
Maharaja Cables, New Delhi	Black, brown, grey, yellow
Mehendra Electricals Ltd	Black, grey, yellow
Mentor Cables Corporation	Black, blue, grey, white
Meryfur Industries	Black, blue, red, white
Mody Cable Industries	Black, blue, green, white
Motherson, Noida	Black, brown, grey, white
Moti Electric Industries (P) Ltd	Black, blue, orange, white
Myee Electrical (P) Ltd.	Brown, brown, grey ³⁾
Nar-Sa Electricals (India), New Delhi	Blue, green, orange, yellow
National Insulated Cable Co Ltd	Blue, orange, yellow
Omega Cables Ltd	Grey, orange, white
(formerly Omega Insulated Cable Co (India) Ltd)	
Paramount Cable Corporation, New Delhi	Black, brown, green, white
Perfect Cablers and Engineers (P) Ltd, Delhi	Blue, grey, red, yellow
Posts & Telegraphs Workshops, Alipore	Black, blue
Posts & Telegraphs Workshops, Bombay	Grey, red
Posts & Telegraphs Workshops, Jabalpur	A single blue thread
Power Cable Pvt Ltd	Brown, grey, yellow
Pritain Electric Company, Delhi	Black, grey, red, white
PVC Wires & Cables Pvt Ltd	Grey, red, white
Radiant Engineering Co	Black, brown, green, yellow

³⁾ Colour combination also adopted by Milflex Ltd (United Kingdom).

Radio & Electricals Manufacturing Co Ltd	Black, green, orange
Rajasthan Cable Industries Pvt Ltd	Black, blue, brown, orange
Reliance Engineers, 84, 85 Bangalore	Blue, green, red, yellow
Reliance Engineers Pvt, Bangalore	Brown, orange, red, yellow
Sachdeva Industries, Shahdara, Delhi	Black, red, white, yellow
Servel Sales Pvt Ltd, New Delhi	Brown, green, grey, yellow
Servel India Pvt Ltd, New Delhi	Brown, red, white, yellow
Signal Cables (India) Pvt Ltd, Delhi	Grey, orange, red, white
S.K. Insulated Cable MFG, New Delhi	Black, brown, orange, white
Skytone Electricals (India)	Orange, red, yellow
Special Cables Pvt Ltd, New Delhi	Blue, grey, white, yellow
Standard Cables Pvt, Bangalore	Blue, grey, red, white
Sterlite Cables Ltd	Black, orange, red
(formerly Shamsheer Sterling Cable Corporation Ltd)	
Sunhome Cable Industries, Chandigarh	Black, orange, red, yellow
Sunic Wires Industries Pvt Ltd, New Delhi	Green, grey, orange, red
Surya Cables	Black, brown, grey, red
Swastik Rubber Products Ltd	Brown, grey, red
Telekom Cable Industries, Delhi	Black, grey, orange, yellow
Traco Cables Co Ltd	Black, blue, brown, grey
Unique Industries	Black, blue, green, orange
Unique Telecabs Pvt Ltd, New Delhi	Brown, green, grey, white
Universal Cables Ltd	Black, blue, grey, red
Universal Cables Manufacturing Co	Black, blue, green, yellow
Universal Traders, Gokulpur, Delhi	Blue, green, orange, red
U P Cable Co Pvt Ltd (formerly U P Cable Co)	Black, blue, brown, red
Victor Cables Corporation (Delhi)	Brown, orange, red
Vinyl Cable Industries	Black, blue, orange, yellow

5.5 Ireland

The following colour combinations have been allocated through BASEC or the Irish Science and Technology Agency, Glasnevin, Dublin 9, Ireland.

Braun Ireland Ltd	Brown, grey, orange, white
Irish Driver-Harris Co Ltd (Ireland)	Orange, white, white
(formerly British Driver-Harris Co Ltd, London)	
*System Cable Ltd, Co. Cork	Blue, brown, orange, yellow
Unidare Cables Ltd, Dublin	Blue, brown, green, orange
Wessel Cable Ltd, Longford	Blue, brown, green, grey
Wessel Industries Ltd	Blue, blue, green
(formerly Ward & Goldstone (Ireland) Ltd)	

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