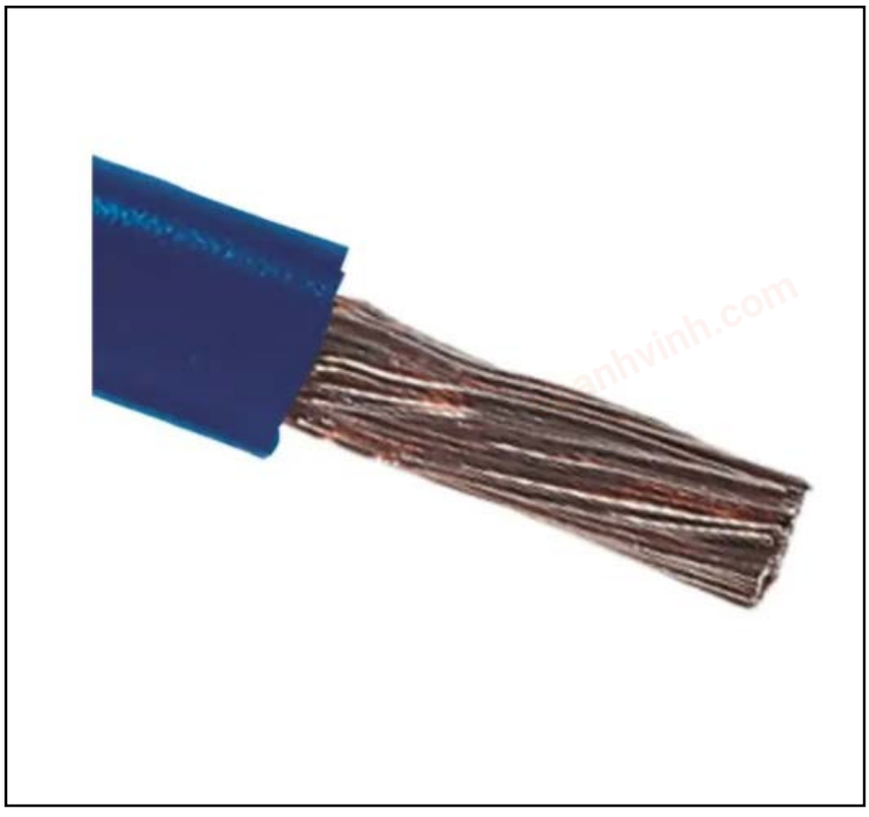
chanhvinh.com

FEATURES

- A plain copper conductor
- A voltage rating of 600 / 1000 V
- Class 5 flexibility
- A HR PVC (Heat Resistant PVC) insulation

RS PRO Mid-blue Tri-rated Cable, 10mm² CSA, 600V, 75A, 100m

RS Stock No.: 628-5291



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

chanhvinh.com

Tri-rated Cable

Product Description

From RS Pro a high quality Tri Rated cable with a 1 m length and colour coding recognised under the European Harmonised designation (HAR) codes H05V2-K and H07V2-K

General Specifications

Type	Tri-rated
Tri-rated	Yes
Sheath Colour	Mid-Blue
Harmonised Code	H05V2-K and H07V2-K
Application	Electrical cabinets, Switch control in power switchgear, Relay and instrumentation panels of power switchgear, Internal connectors in rectifier equipment, Motor starters and controllers, Small electrical devices, Industrial electrical installations, Panel building

Electrical Specifications

Voltage Rating	600 V
Current Rating	75A
Conductor Material	Annealed Copper
Insulation Material	PVC

Mechanical Specifications

Length	100m
Cross Sectional Area	10mm^2
Outer Diameter	6.8mm
American Wire Gauge	8
Core Strands	72/0.4mm
Size of Strands	0.4mm
Insulation Wall Thickness	1.2mm

Tri-rated Cable

Operation Environment Specifications

Maximum Operating Temperature	105°C
Maximum Conductor Temperature	105°C in air; 60°C in oil

Approvals

Compliance/Certifications	CSA / UL / BS6231
Standards Met	CSA C22.2 Type TEW, UK BS 6231, UL 1028

RS Stock no.	Sheath Colour	Area (sq.mm)	Approx AWG	Conductor nom. (mm)	Nom r/t (mm)	Nom Diam (mm)	Max Temp °C	AWM Style No.	Max* Amps
516-8094	Red	25	4	196/0.4	1.6	10.6	105	1283	136
516-8117	Green/ Yellow	25	4	196/0.4	1.6	10.6	105	1283	136
628-5291	Mid-Blue	10	8	80/0.4	1.2	6.8	105	1028	75
628-5314	Red	10	8	80/0.4	1.2	6.8	105	1028	75
628-5320	Black	10	8	80/0.4	1.2	6.8	105	1028	75
628-5336	Yellow	10	8	80/0.4	1.2	6.8	105	1028	75
628-5342	Black	16	6	126/0.4	1.6	9.2	105	1283	100
628-5358	Green/ Yellow	10	8	80/0.4	1.2	6.8	105	1028	75
628-5364	Mid-Blue	16	6	126/0.4	1.6	9.2	105	1283	100
628-5370	Red	16	6	126/0.4	1.6	9.2	105	1283	100
628-5386	Yellow	16	6	126/0.4	1.6	9.2	105	1283	100
628-5409	Green/ Yellow	16	6	126/0.4	1.6	9.2	105	1283	100
628-5421	Red	25	4	196/0.4	1.6	10.6	105	1283	136
628-5465	Green/ Yellow	25	4	196/0.4	1.6	10.6	105	1283	136
628-5493	Brown	10	8	80/0.4	1.2	6.8	105	1028	75

Tri-rated Cable

RS Stock no.	Sheath Colour	Area (sq.mm)	Approx AWG	Conductor nom. (mm)	Nom r/t (mm)	Nom Diam (mm)	Max Temp °C	AWM Style No.	Max* Amps
628-5516	Grey	10	8	80/0.4	1.2	6.8	105	1028	75
906-2694	Dark Blue	0.5	22	16/0.2	0.8	2.6	105	1015	11
906-2701	Dark Blue	1.5	16	30/0.25	0.8	3.3	105	1015	21
906-2704	Dark Blue	0.75	20	24/0.2	0.8	2.8	105	1015	14
906-2707	Dark Blue	1	18	32/0.2	0.8	3.0	105	1015	17
906-2710	Dark Blue	2.5	14	50/0.25	0.8	3.7	105	1015	30
906-2713	Dark Blue	4	12	56/0.3	0.8	4.3	105	1015	41
9062717	Dark Blue	6	10	84/0.3	0.8	5.1	105	1015	53
906-2726	Dark Blue	10	8	80/0.4	1.2	6.8	105	1028	75
906-2729	Dark Blue	16	6	126/0.4	1.6	9.2	105	1283	100