

High Flexible TRVV Cable



Construction

Conductor: Plain annealed copper Class 5

Insulation: PVC

Sheath Color: Black, Grey

Applications

TRVV cables are specialized for power and signal transmission in drag chain systems requiring frequent reciprocating motion and continuous bending. Engineered for moderate mechanical stress, they are ideally suited for industrial automation, CNC machinery, and robotics in dry or damp indoor environments.

Standards

Conductor Class: IEC 60228.

Flame Retardancy: IEC 60332-1-2.

Environmental: RoHS 3.0 & REACH Compliant.

Certification: CE (Low Voltage Directive 2014/35/EU).



Specification

Rated voltage	300/500v
Test Voltage	2.5KV/5Min
Temperature Range	-10 to 90°C
Minimum bending radius	6x

Technical Data

Type	Specifications(mm2)	Standard weight 100m (kg)	external diameter(mm)	Conductor specification
TRVV	2*0.15mm2	1.43 KG	3.4mm	20/0.10AS
TRVV	3*0.15mm2	1.66 KG	3.6mm	20/0.10AS
TRVV	4*0.15mm2	2.07 KG	4mm	20/0.10AS
TRVV	2*0.2mm2	1.62 KG	3.6mm	26/0.10AS
TRVV	3*0.2mm2	1.92 KG	3.8mm	26/0.10AS
TRVV	4*0.2mm2	2.38 KG	4.2mm	26/0.10AS
TRVV	2*0.3mm2	2.04 KG	4mm	38/0.10AS
TRVV	3*0.3mm2	2.65 KG	4.3mm	38/0.10AS
TRVV	4*0.3mm2	3.3 KG	4.8mm	38/0.10AS
TRVV	2*0.5mm2	3.61 KG	5.5mm	45/0.12AS
TRVV	3*0.5mm2	4.54 KG	6mm	45/0.12AS
TRVV	4*0.5mm2	5.62 KG	6.6mm	45/0.12AS
TRVV	2*0.75mm2	4.6 KG	6.4mm	67/0.12AS
TRVV	3*0.75mm2	5.92 KG	7.2mm	67/0.12AS
TRVV	4*0.75mm2	7.91 KG	7.8mm	67/0.12AS
TRVV	2*1.0mm2	6.3 KG	7.2mm	89/0.12AS
TRVV	3*1.0mm2	7.79 KG	7.8mm	89/0.12AS
TRVV	4*1.0mm2	10.2 KG	8.6mm	89/0.12AS
TRVV	2*1.5mm2	8.06 KG	8mm	133/0.12AS
TRVV	3*1.5mm2	11.07 KG	9mm	133/0.12AS
TRVV	4*1.5mm2	13.51 KG	9.8mm	133/0.12AS
TRVV	2*2.5mm2	13.2 KG	10mm	222/0.12AS
TRVV	3*2.5mm2	16.9 KG	10.6mm	222/0.12AS
TRVV	4*2.5mm2	20.85 KG	11.3mm	222/0.12AS