

TVVBP Elevator Cable (Shield)



36×0.75+2×2P×0.75+TV

Applications:

Elevator cables (specifically traveling cables) are engineered for high-performance power and signal transmission in dynamic, repetitive motion environments. Their primary application is in passenger and freight elevator systems, where they serve as the vital link between the elevator car and the control room, enduring constant bending and high tensile stress in lift shafts.

Add steel wire and shielding to the TVVB.

General Construction:

Conductor: Multiple strands of ultra-fine stranded oxygen-free copper wire, VDE0295CLASS 5 compliant

Insulation: Special oil resistance, flame retardant, mixed PVC or others

Inner core Color: Yello, white, orange with black number with white digital coding

Inner liner: Optional

Bearing: Steel wire (Optical)

Video Cable: High-strength copper-clad steel conductors and low-interference coaxial video cables.

Outer jacket: Oil resistant, flame retardant, elastic PVC sheath, Grey(RAL7001)

Rated voltage: $\leq 1.5\text{mm}^2$ 300/500V $> 1.5\text{mm}^2$ 450/750V

Test voltage: $\leq 1.5\text{mm}^2$ 2500V $> 1.5\text{mm}^2$ 3000V

Minimum bending radius: 10×outer diameter

Working temperature: -15°C-----+70°C

Note-The elevator usage is as follows:

When elevator cables are arranged in a single line:

TVVBP (pararell) free suspension length must not exceed 35 meters, and the lift speed must not exceed 1.6m/s.

When elevator cables with a star-shaped lay:

TVVBP (interwist) free suspension length must not exceed 80 meters, and the lift speed must not exceed 10m/s

Specification Details:

Type	No. of cores	Specific ation	Shielded cable assembly	Conductor Structure	Width mm	Thickness mm	Density kg/km	Shape
TVVBP	24	0.75	2*2P*0.75	30/0.18	44.3	9.0	861	Star-shaped
TVVBP	30	0.75	2*2P*0.75	30/0.18	53.1	8.3	973	Star-shaped
TVVBP	36	0.75	2*2P*0.75	30/0.18	56.8	9.0	1099	Star-shaped
TVVBP	40	0.75	2*2P*0.75	30/0.18	64.2	8.3	1151	Star-shaped
TVVBP	42	0.75	2*2P*0.75	30/0.18	63.0	9.0	1206	Star-shaped
TVVBP	48	0.75	2*2P*0.75	30/0.18	69.1	9.0	1313	Star-shaped
TVVBP	54	0.75	2*2P*0.75	30/0.18	75.3	9.0	1421	Star-shaped
TVVBP	60	0.75	2*2P*0.75	30/0.18	81.4	9.0	1528	Star-shaped
TVVBP	66	0.75	2*2P*0.75	30/0.18	87.6	9.0	1635	Star-shaped
TVVBP	24	0.75	2*2P*0.75	30/0.18	53.3	9.0	1007	Star-shaped steel wire
TVVBP	30	0.75	2*2P*0.75	30/0.18	61.3	8.3	1101	Star-shaped steel wire
TVVBP	36	0.75	2*2P*0.75	30/0.18	65.0	9.0	1234	Star-shaped steel wire
TVVBP	40	0.75	2*2P*0.75	30/0.18	72.4	8.3	1280	Star-shaped steel wire
TVVBP	42	0.75	2*2P*0.75	30/0.18	72.2	9.0	1374	Star-shaped steel wire
TVVBP	48	0.75	2*2P*0.75	30/0.18	78.3	9.0	1481	Star-shaped steel wire
TVVBP	54	0.75	2*2P*0.75	30/0.18	84.5	9.0	1589	Star-shaped steel wire
TVVBP	60	0.75	2*2P*0.75	30/0.18	90.6	9.0	1696	Star-shaped steel wire
TVVBP	66	0.75	2*2P*0.75	30/0.18	96.8	9.0	1803	Star-shaped steel wire
TVVBP	24	0.75	2*2P*0.75	30/0.18	44.3	9.0	879	Star-shaped
TVVBP	30	0.75	2*2P*0.75	30/0.18	53.1	8.3	990	Star-shaped

TVVBP	36	0.75	2*2P*0.75	30/0.18	56.8	9.0	1116	Star-shaped
TVVBP	40	0.75	2*2P*0.75	30/0.18	64.2	9.0	1169	Star-shaped
TVVBP	42	0.75	2*2P*0.75	30/0.18	63.0	9.0	1224	Star-shaped
TVVBP	48	0.75	2*2P*0.75	30/0.18	69.1	9.0	1331	Star-shaped
TVVBP	54	0.75	2*2P*0.75	30/0.18	75.3	9.0	1438	Star-shaped
TVVBP	60	0.75	2*2P*0.75	30/0.18	81.4	9.0	1546	Star-shaped
TVVBP	66	0.75	2*2P*0.75	30/0.18	87.6	9.0	1653	Star-shaped
TVVBP	24	0.75	2*2P*0.75	30/0.18	53.3	9.0	1024	Star-shaped steel wire
TVVBP	30	0.75	2*2P*0.75	30/0.18	61.3	8.3	1119	Star-shaped steel wire
TVVBP	36	0.75	2*2P*0.75	30/0.18	65.0	9.0	1252	Star-shaped steel wire
TVVBP	40	0.75	2*2P*0.75	30/0.18	72.4	8.3	1298	Star-shaped steel wire
TVVBP	42	0.75	2*2P*0.75	30/0.18	72.2	9.0	1392	Star-shaped steel wire
TVVBP	48	0.75	2*2P*0.75	30/0.18	78.3	9.0	1499	Star-shaped steel wire
TVVBP	54	0.75	2*2P*0.75	30/0.18	84.5	9.0	1606	Star-shaped steel wire
TVVBP	60	0.75	2*2P*0.75	30/0.18	90.6	9.0	1714	Star-shaped steel wire
TVVBP	66	0.75	2*2P*0.75	30/0.18	96.8	9.0	1821	Star-shaped steel wire