



TE Connectivity EN 50306-2, Single Core, 300 V AC, EBXL 120°C Rolling Stock Wire

Application

- For mechanically protected installation in Rail/Bus and other transport veichles.
- Cables are used in Driver desks, control panels, wiring harness in inside/outside moving veichles

Product Construction

- ✓ Conductor: Finely Stranded Annealed Electro Tinned Copper, (unilay*)
- ✓ Insulation: EBXL EL 109
- ✓ Colour: White, or as per customer order

Technical Data

- ✓ Temperature Range: -40° to +120°C
- ✓ Rated Voltage: 300 V AC
- Specification: EN 50306-2 Conductor: EN 50306-2

In addition to EN 50306-2, wires also meet fire performance tests as per

UNI CEI 11170-3

DIN 5510-2

NF F 16-101

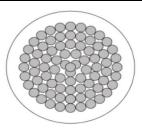
EN 45545-2

Features

- Excellent resistance to high and low temperature
- ✓ Outstanding flame retardant
- ✓ Halogen free
- ✓ Thin walled with excellent flexibility
- ✓ Easy to strip

- Resistance to oil, fuel ozone and weathering
- ✓ Low smoke density
- ✓ Soldering iron resistant
- ✓ Electron Beam cross linked
- ✓ Resistance to corona effect







TE Connectivity EN 50306-2 300 V 1X1,5 M

Cross-	Conductor	Conductor	Insulation	Outer Diameter		Conductor	Approx. Cable
Section	Strands X Strand Diameter	Diameter Max	Thickness Min	(mm)		Resistance Max.	Weight
(mm²)	(Nos x mm)	(mm)	(mm)	Min.	Max.	Ω/km	(kg/km)
0.50	19 X 0.18	0.95	0.18	1.15	1.45	40.1	6
0.75	37 X 0.16	1.15	0.18	1.35	1.65	26.7	8
1.00	37 X 0.18	1.30	0.18	1.45	1.80	20.0	10
1.50	37 X 0.23	1.65	0.22	1.95	2.30	13.7	15
2.50	37 X 0.30	2.15	0.28	2.50	2.85	8.21	25

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