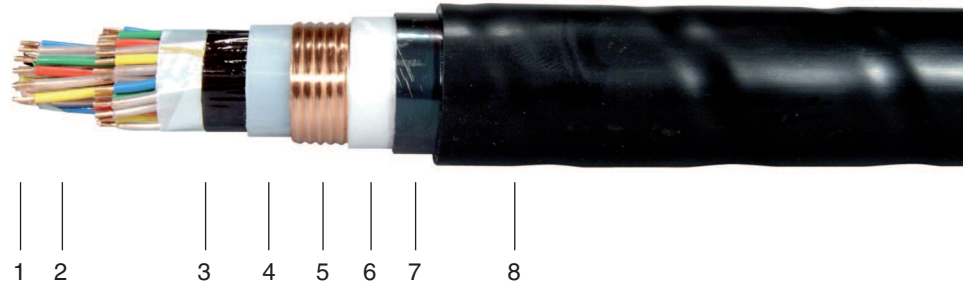


ZPAU 450/750 V

1/1

Reference standard :

SNCF - CT445 - 09/2005


Construction

1. Solid copper conductor
2. PE insulation
Twisted pairs laid up in concentric layers
Colour coding acc. CT 445
3. Common core covering
4. PE inner sheath
5. Copper anti-induction screen
6. Separation and protection sheath (taped or extruded)
7. 2 layers of steel tape
8. PVC or halogen free compound outer sheath black

Properties

- Excellent mechanical protection (also against rodent attacks)
- Protected against inductive influence
- Service temperature: -30 ... +60 °C
- Laying temperature: -5 ... +60 °C
- Min. bending radius: 10 x cable outer diameter
- Max. pulling force: 50 N/mm² x total cross-section of all copper conductors together

Dimensions and characteristics

Cross-section	Insulation thickness mm	Conductor resistance Ω/km	Capacitance nF/km	Voltage test kV _{ac} 3 min	Insulation resistance at 20 °C MΩ.km
1 x 4 x 1,0 mm ²	0,600	≤ 18,1	55	3	≥ 5000
1 x 4 x 1,5 mm ²	0,500	≤ 12,1	55	3	≥ 5000
1 x 2 x 2,5 mm ²	0,600	≤ 7,41	45	3	≥ 5000
n x 2 x 1,0 mm ²	0,600	≤ 18,1	55	3	≥ 5000
n x 2 x 1,5 mm ²	0,600	≤ 12,1	55	3	≥ 5000

(n : 4 - 28)