

VST 0,6/1 kV

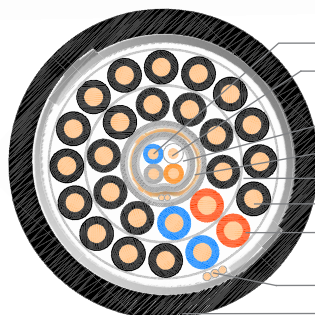
1/1

Reference standard: Belgian Railway standard

Infrabel S21



Construction



1. Solid copper conductor 0,8 mm (Telecommunication)
2. PE insulation
Conductors assembled into quad(s)
3. PE inner sheath grey
4. Copper tape screen with 2 tinned copper contact wires
5. Separation layer (taped or extruded)
6. Solid copper conductor (Signalling)
7. PVC insulation
Assembling in concentric layers
8. Double layer of steel tape armour in contact with copper wire earthing
9. PVC outer sheath black

Properties

- Excellent mechanical protection (also against rodent attacks)
- Fire retardant acc. to NBN C 30-004 F2
- Service temperature: -30 ... +60 °C
- Laying temperature: -5 ... +60 °C
- Min. bending radius: 15 x outer cable diameter
- Max. pulling force: 50 N/mm² x total cross-section of all copper signalling conductors together

Dimensions

Conductor size	Insulation thickness mm	Conductor resistance Ω/km	Capacitance	Voltage test core/core	Insulation resistance at 20 °C GΩ.km
n x 1,5 +	0,800	≤ 12,1	≤ 0,29 μF/km	3 kV _{ac} 20 min*	
1 x 4 x 0,8	0,350		45 ηF/km	700 V _{dc} 30 sec	30
n x 4 +	0,900	≤ 4,61	≤ 0,35 μF/km	3 kV _{ac} 20 min*	
1 x 4 x 0,8	0,350		45 ηF/km	700 V _{dc} 30 sec	30
n x 6 +	0,900	≤ 3,08	≤ 0,35 μF/km	3 kV _{ac} 20 min*	
1 x 4 x 0,8	0,350		45 ηF/km	700 V _{dc} 30 sec	30
n x 10 +	1,100	≤ 1,83	≤ 0,35 μF/km	3 kV _{ac} 20 min*	
1 x 4 x 0,8	0,350		45 ηF/km	700 V _{dc} 30 sec	30
n x 1,5 +	0,800	≤ 12,1	≤ 0,29 μF/km	3 kV _{ac} 20 min*	
3 x 4 x 0,8	0,350		45 ηF/km	700 V _{dc} 30 sec	30

(n : 2 - 54)

 * or 9 kV_{dc} 20 min

All information given is indicative only and not binding and can be subject to change without notice.