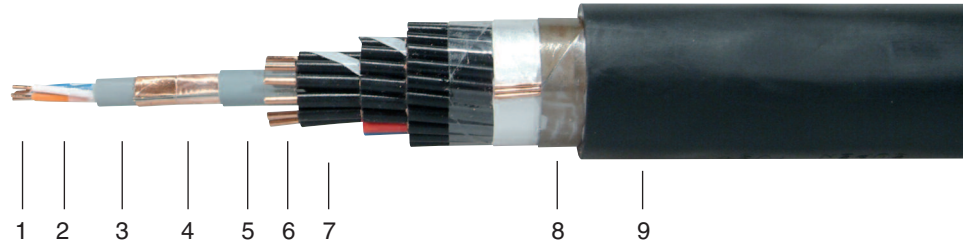


## VST 0,6 / 1 kV

1/1

Reference standard : Belgian Railway standard

### S21 (SNCB - NMBS)



#### 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: -0 ... +60 °C
- Min. bending radius: 15 x outer cable diameter
- Max. pulling force: 50 N/mm<sup>2</sup> x total cross-section of all copper signalling conductors together

#### Dimensions

Conductor size	Insulation thickness mm	Conductor resistance Ω/km	Capacitance	Voltage test	Insulation resistance at 20 °C GΩ.km
n x 1,5 +	0,800	≤ 12,1	≤ 0,29 μF/km	9 kV <sub>ac</sub> 20 min	
1 x 4 x 0,8	0,350		45 nF/km	700 V <sub>dc</sub> 30 sec	30
n x 4 +	0,900	≤ 4,61	≤ 0,35 μF/km	9 kV <sub>ac</sub> 20 min	
1 x 4 x 0,8	0,350		45 nF/km	700 V <sub>dc</sub> 30 sec	30
n x 6 +	0,900	≤ 3,08	≤ 0,35 μF/km	9 kV <sub>ac</sub> 20 min	
1 x 4 x 0,8	0,350		45 nF/km	700 V <sub>dc</sub> 30 sec	30
n x 10 +	1,100	≤ 1,83	≤ 0,35 μF/km	9 kV <sub>ac</sub> 20 min	
1 x 4 x 0,8	0,350		45 nF/km	700 V <sub>dc</sub> 30 sec	30
n x 1,5 +	0,800	≤ 12,1	≤ 0,29 μF/km	9 kV <sub>ac</sub> 20 min	
3 x 4 x 0,8	0,350		45 nF/km	700 V <sub>dc</sub> 30 sec	30

(n : 2 - 54)