

## AT(Iszh)OX 2X1,5 shielded

### Construction

Plain red copper  $\varnothing$  1,5 mm<sup>2</sup> according ČSN EN 60228

**Isolation**: silicone EI2, according EN 50363-1  
,  $\varnothing$  2,8 mm  $\pm$  0,05 mm                      d=0,7

**Cores color**: blue, brown

**Assembly** – 2x cores                      blue, brown

Aluminium/polyester foil 25 mm  
Drain wire: 0,5 CuSn

$\varnothing$  5,5 mm

**Sheath**: Thermoplastic halogenfree, fire retardant LSOH

*Tubular extruded*, d= 0,9 mm

outer  $\varnothing$  7,3 mm  $\pm$  0,2

**RAL 2003 orange**

max. radius 7,5 x outer  $\varnothing$  cable

Marking: EUROCAVI AT(Iszh)OX SHIELD F2/SA/SD FR2 950° 2x1,5 450/750V RF 713-020 1h  
1/2 IEC 60331-11-21 E90 CE 39/2023 0000 m

### **Electric data**

Operating voltage.....	450/750 V
Test voltage core/core.....	2000 V/1 min
Test voltage core/shielding..	2000 V/1 min
Insulation resistance.....	500 M $\Omega$ /km
Temperature range.....	-10 °C up to + 70°C
Temperature range during laying.....	5°C up to +50°C

Standarts:

EN 50267-2-3: Acidity of gasses  
EN 61034-2: Smoke density  
IEC 60332-3-24: No flame propagation cat. C  
IEC 60332-1-2: Flame retardant  
IEC 60331-11-21: Circuit integrity E90

Additional standards:

NBN C 30 -004 F1 Flame retardant (NBN EN 60332-1-2)  
F2 Fire retardant (NBN EN 60332-3-24)  
SD Smoke density (NBN EN 60754-2)  
FR2 Intrinsic circuit integrity (NBN 713-020 Add.3)