

**DATA SHEET Type : FG16 ( 3X(2X1,5sch ) + ( 10X1,5 ) OR16 0,6/1Kv**

**Three pairs 1,5sqmm Individual screen :**

Conductor : Flexible plain copper conductor according to IEC60228 cl. 5  
size 1,5sqmm ( 28x0,25 ).  
Res. 13,3ohm/Km

Insulation : FR-HEPR G16 flame retardant color Blue – Black numbered  
Conductor diameter over insulation 2,9mm

Conductor lay : The conductors are twisted to pairs with individual screen

Individual screen : Applied over the single triad will be wrapped with polyester tape and shielded with  
Aluminum/Mylar tape 100% coverage and 25% overlap with metal side in contact  
with a tinned copper drain wire 7x0,30 size 0,5sqmm, over the screen will be placed a  
further Mylar tape.

**Ten conductors 1,5sqmm :**

Conductor : Flexible plain copper conductor according to IEC60228 cl. 5  
size 1,5sqmm ( 28x0,25 ).  
Res. 13,3ohm/Km

Insulation : FR-HEPR G16 flame retardant color :  
Black numbered  
Conductor diameter over insulation 2,9mm

**Total conductors lay :**

Composition : Three pairs will be laid together with ten cores  
The external shape will be cylindrical.

- Outer sheath : Polyvinylchloride PVC flame retardant  
Thickness 1,8 mm  
External diameter 19,8mm +/- 10%  
External color Black ( or to be agreed )
- Marking : On the outer sheath will be written with white ink-jet printer  
“ year SENSITHERM description cable “
- Performance : Flame retardant according to IEC60332.3-24  
Test voltage core to core 3,5 Kv  
Working temperature -15 +70°C  
Total weight 580Kg/Km  
Minimum bending radius 240mm