

**DATA SHEET Type : FR2 ((4X(2X1,5HR)) + 11X1,5 ) OHRAE 0,6/1Kv**

**Four pairs 1,5sqmm :**

- Conductor : Flexible plain copper conductor according to IEC60228 cl. 5  
size 1,50sqmm ( 28x0,25 ).  
Res. 13,3ohm/Km
- Insulation : Polyvinylchloride PVC flame retardant color :  
Blue-Black numbered  
Conductor diameter over insulation 2,8mm
- Individual screen : Over the pair will be wrapped with Mylar 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
- Outer sheath : Polyvinylchloride PVC flame retardant  
Thickness 1,0 mm  
External diameter 7,8mm  
External color Black

**Eleven conductors 1,5sqmm :**

- Conductor : Flexible plain copper conductor according to IEC60228 cl. 5  
size 1,5sqmm ( 28x0,25 ).  
Res. 13,3ohm/Km
- Insulation : Polyvinylchloride PVC flame retardant color :  
Black numbered  
Conductor diameter over insulation 2,8mm

**Total assembly :** Four pairs and eleven cores will be twisted together

**Overall screen :** Over the rope will be wrapped with Mylar 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

- Bedding :** Polyvinylchloride PVC flame retardant  
Thickness 1,0 mm
- Armor :** SWB galvanized steel wire braid coverage 80%
- Outer sheath :** Polyethylene extruded compound PE  
Thickness 2 mm  
External diameter 25mm +/- 10%  
External color Black
- Marking :** On the outer sheath will be written with ink-jet printer  
“ year SENSITHERM description cable “
- Performance :** Test voltage core to core 3,5 Kv  
Working temperature -15 +70°C  
Minimum bending radius 320mm  
Aprox. Weight 1250Kg/Km