

**DATA SHEET Type : FR2 ((4X2X24AWG ( CuSn7X0,20 ) XOHR ) + ( 3X1,5 )) OHRAR 300V**

**Four pair 24AWG :**

- Conductor : Stranded tinned copper conductor according to IEC60228 cl. 2  
24AWG, size 0,22sqmm ( 7x0,20 ).
- Insulation : Polyvinylchloride PVC flame retardant color :  
White-Brown / Blue-Red / Pink-Grey / Yellow-Green  
Conductor diameter over insulation 1,5mm
- Screen : Over the four 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
- Sheath : Polyvinylchloride PVC flame retardant  
Thickness 0,8 mm  
Color Grey

**Three 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 :  
Y/G – Blue – Brown  
Conductor diameter over insulation 2,7mm

**Total conductors lay :**

- Conductor lay : Three conductors are twisted together with the four pairs sheathed cable
- Total 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
- Inner sheath : Polyvinylchloride PVC flame retardant  
Thickness 1 mm  
Inner sheath diameter 12mm +/- 10%  
Color Grey
- Armor : Steel wire braid armored with steel wire 0,30mm coverage 80%



# Sensitherm

- Outer sheath : Polyvinylchloride PVC flame retardant  
Thickness 1,5 mm  
External diameter 15mm +/- 10%  
External color Grey
- Marking : On the outer sheath will be written with yellow ink-jet printer  
“ year SENSITHERM description cable “
- Performance : Flame retardant according to IEC60332.3-24  
Test voltage core to core 2 Kv  
Working temperature -15 +70°C  
Minimum bending radius 150mm