

**DATA SHEET Type : FR2 ( 2X0,5 + 2X1,5 ) OHH2R 0,6/1Kv**

**One pair 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 White – Red  
Conductor diameter over insulation 3,0mm

**One pair 0,5sqmm :**

- Conductor : Flexible plain copper conductor according to IEC60228 cl. 5  
size 0,5sqmm ( 16x0,20 ).  
Res. 39ohm/Km
- Insulation : Polyvinylchloride PVC flame retardant color Brown - Blue  
Conductor diameter over insulation 2,4mm

**Total conductors lay :**

- Composition : Two couples will be laid together
- Total screen : Over the quad will be wrapped with Mylar tape and shielded with Aluminum tape  
100% coverage and 25% overlap with metal side outside in contact with a tinned  
copper drain wire 7x0,30 size 0,5sqmm and tinned copper wire braid 85% coverage  
single wire 0,20mm
- Inner sheath : Polyvinylchloride PVC flame retardant  
Thickness 0,8 mm  
Inner diameter 9,8mm +/- 10%
- Outer sheath : Polyvinylchloride PVC flame retardant  
Thickness 1,4 mm  
External diameter 12,3mm +/- 10%  
External color Grey 7035 ( or to be agreed )

Marking : On the outer sheath will be written with white ink-jet printer “ Your label “

Performance :  
Flame retardant according to IEC60332.3-24  
Test voltage core to core 3,5 Kv  
Working temperature -15 +70°C  
Total weight 230Kg/Km  
Minimum bending radius 180mm  
Cap.  $\leq 0,20$ microF/Km  
Ind.  $\leq 0,6$ mH/Km  
Hydrocarbon resistant as per ENI0181