



DATA SHEET Type : FR2 ((2X(2X0,5sch) + 2X1,5) OHR 300V

Two pairs 0,5sqmm :

- Conductor : Flexible plain copper conductor according to IEC60228 cl. 5
size 0,50sqmm (16x0,20).
Res. 39ohm/Km
- Insulation : Polyvinylchloride PVC flame retardant color :
White-Black numbered
Conductor diameter over insulation 1,8mm
- Screen : Over the two 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

Two 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 :
Blue – Black
Conductor diameter over insulation 2,6mm
- Total assembly : The two pairs and the two cores are twisted together
- 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
- Outer sheath : Polyvinylchloride PVC flame retardant
Thickness 1,4 mm
External diameter 13mm +/- 10%
External color Black
- Marking : On the outer sheath will be written with 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 110mm
Aprox. Weight 230Kg/Km