

DATA SHEET Type : FR2 (4X2,5 + (2X1TCWB) + (2X0,75TCWB) + 2X0,75) OR 0,6/1Kv

Four conductors 2,5sqmm :

Conductor : Flexible plain copper conductor according to IEC60228 cl. 5
size 2,5sqmm (48x0,25).
Res. 7,98ohm/Km

Insulation : Polyvinylchloride PVC flame retardant color :
Blue – Brown – Black – Grey
Conductor diameter over insulation 3,6mm

One pair 1sqmm :

Conductor : Flexible plain copper conductor according to IEC60228 cl. 5
size 1sqmm (32x0,20).
Res. 19,5ohm/Km

Insulation : Polyvinylchloride PVC flame retardant color :
Blue-Black
Conductor diameter over insulation 2,6mm

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

Individual screen : Applied over the single triad will be wrapped with polyester tape and shielded with
tinned copper wire braid 60% coverage, over the screen will be placed a further Mylar
tape.

One pair 0,75sqmm :

Conductor : Flexible plain copper conductor according to IEC60228 cl. 5
size 0,75sqmm (24x0,20).
Res. 26ohm/Km

Insulation : Polyvinylchloride PVC flame retardant color :
White-Black
Conductor diameter over insulation 2,3mm

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

Individual screen : Applied over the single triad will be wrapped with polyester tape and shielded with
tinned copper wire braid 60% coverage, over the screen will be placed a further Mylar
tape.

One pair 0,75sqmm :

- Conductor : Flexible plain copper conductor according to IEC60228 cl. 5
size 0,75sqmm (24x0,20).
Res. 26ohm/Km
- Insulation : Polyvinylchloride PVC flame retardant color :
White-Black
Conductor diameter over insulation 2,3mm
- Conductor lay : The conductors are twisted to pair

Total conductors lay :

- Composition : The four conductors 2,5sqmm will be laid together with the one screened pair 1sqmm
With one screend pair 0,75sqmm and with one pair 0,75sqmm
- Outer sheath : Polyvinylchloride PVC flame retardant
Thickness 2 mm
External diameter 18mm +/- 10%
External color Black
- Marking : On the outer sheath will be written with yellow ink-jet printer
“ year SENSITHERM description cable “
- Performance : Flame retardant according to IEC60332.3
Test voltage core to core 3,5 Kv
Working temperature -15 +70°C
Minimum bending radius 180mm