

DATA SHEET Type : FR2 ((3X(2X1,5HR)) + (5X1,5HR) ORAE 0,6/1Kv

Three 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

Five 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
- Overall screen : Over the cores 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 10mm
External color Black
- Total assembly : Three pairs and five cores will be twisted together, over the rope will be wrapped with
Mylar tape.

Bedding : Polyvinylchloride PVC flame retardant
Thickness 1,0 mm
External diameter 22mm +/-10%
External color Black

Armor : SWB galvanized steel wire braid coverage 80%

Outer sheath : Polyethylene extruded compound PE
Thickness 2 mm
External diameter 29mm +/- 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 350mm
Aprox. Weght 1300Kg/Km