

PPOV-af

Alternative designations:
RT-2X(St)2Y(z)Y
XLPE/OSCR/PE/SWB/PVC

Characteristics:

- shielded cable core
- armoured using steel wire braiding

PPOV-2af

Alternative designations:
RT-2X(St)2Y(Z),PiMF
XLPE/PSCR/OSCR/PE/SWB/PVC

Characteristics:

- shielded pairs
- shielded cable core
- armoured using steel wire braiding

PPDV-af

Alternative designations:
RT-2X(St)2YbY
XLPE/OSCR/PE/SWA/PVC

Characteristics:

- shielded cable core
- armoured using steel wires and counterwound strip

PPDV-2af

Alternative designations:
RT-2X(St)2YbY,PiMF
XLPE/PSCR/OSCR/PE/SWA/PVC

Characteristics:

- shielded pairs
- shielded cable core
- armoured using steel wires and counterwound strip

Construction:

conductors:

solid conductors of thermocouple/compensating cable material.

insulation:

XLPE (cross-linked polyethylene), 0.4mm nominal thickness.

pairs, numbered*:

2 cores twisted into a pair.

Core colours: refer to table.

shielding of pairs (PPOV-2af and PPDV-2af):

- 1 layer of polyester foil,
- 1 layer of polyester/aluminium foil with a solid tinned copper earth wire (7 x 0.31 mm dia.),
- 1 layer of polyester foil.

communication core*:

0.5 mm² (7x0.31 mm dia.), copper, with orange XLPE insulation.

shielding of cable core:

- 1 layer of polyester foil,
- 1 layer of polyester/aluminium foil with tinned copper earth litz wire (7x0.31 mm dia.),
- 1 layer of polyester foil.

inner sheath:

PE (polyethylene).

armouring:

PPOV braiding of round galvanised steel wires.

PPDV round or flat galvanised steel wire (according to the cable diameter) and an open-pattern counterwound galvanised steel strip.

outer sheath:

flame-retardant PVC, sheath colour: refer to table.

standards:

(as far as applicable): IEC 189,228,228A,332-1,540,584 and NEN 15013-2. KEMA specifications K42 and K71. ANSI 96.1, DIN 43710, BS 4935 and NFE 18-001.

*) Lacking on single-pair cables.

