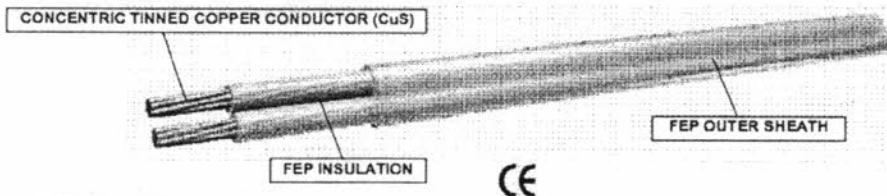


TECHNICAL DATA SHEET:

F6YD6Y (flat cable) 2x0.75 CuS (2.10x3.70)mm

[part number: 938020400155A]



GENERAL DESCRIPTION:

Flexible flat twin cable, with concentric tinned copper conductors FEP insulated under a flat FEP outer sheath.

The insulating material guarantees high thermal and mechanical resistance characteristics, special insulating performances, excellent resistance to chemicals and flame.

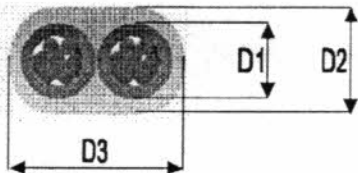
TECHNICAL CHARACTERISTICS:

- Working temperature: **-100 + + 205 °C**
- Nominal voltage: **300/500 V**
- Testing voltage: **2.5 kV**

CONDUCTOR PROPERTIES:

- Material: **TINNED COPPER**
- Stranding conductor: **19x0.225 [mm]**
- Max electric resistance at 20°C: **24.75 Ohm/Km**

DIMENSIONAL PROPERTIES (see picture below):



- Insulation material: **FEP (Fluorine Ethylene Propylene)**
- Average insulation thickness: **0.20 [mm]**
- Insulation diameter: **$D_1 = 1.50 \pm 0.1$ [mm]**
- Sheath material: **FEP (Fluorine Ethylene Propylene)**
- Sheath thickness: **0.30 [mm]**
- Dimensional sheath (flat cable): **$D_2 = 2.10 +0/-0.1$ mm**
 $D_3 = 3.70 +0/-0.1$ mm

APPLICATIONS:

Electronics, aeronautics, nuclear, military, informatics, domestic electrical heating appliances, naval field and lighting.

STANDARDS:

- DIN VDE 0207 part 6: 1992-06
- DIN VDE 0295 class 2