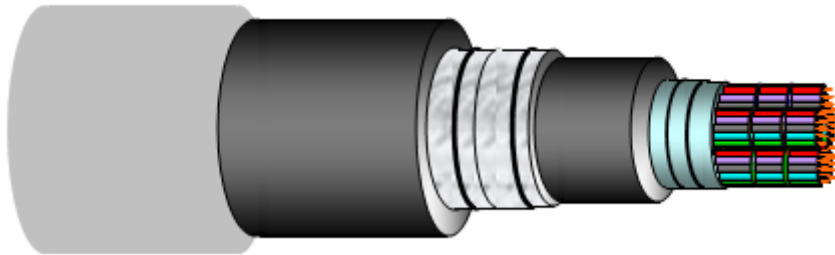


## A-02YSF2YB2Y4Y ...x2x0.6 (TDT 1097 REV 01)

### Cable design

Foam-Skin-PE-insulated telephone cable, filled, PE inner sheath, galvanised steel tape armoured, PE outer sheath, Nylon (polyamide) sheath.



### Application

Telecommunication cable for telecom and data transmission, suitable for laying in ducts or direct buried.

### Color coding

Pair no.	1	2	3	4	5	6	7	8	9	10
a-wire	white	white	white	white	white	red	red	red	red	red
b-wire	blue	orange	green	brown	grey	blue	orange	green	brown	grey

Pair no.	11	12	13	14	15	16	17	18	19	20
a-wire	black	black	black	black	black	yellow	yellow	yellow	yellow	yellow
b-wire	blue	orange	green	brown	grey	blue	orange	green	brown	grey

### Construction

#### A-02YSF2YB2Y

Conductor	Copper, solid, 0.6
Insulation	Foam-skin-PE (02YS)
Twisting	Cores twisted to pairs ( $\leq 20$ pairs)
Filling	Jelly filling compound, drop point $> 85$ °C
Cable core wrapping	At least one layer of polyester tape
Inner sheath	PE (Min. thickness : 1.4 mm)
Armour	Two layers galvanised steel tape
Outer sheath (1)	PE (Min. thickness : 1.4 mm)
Outer sheath (2)	Nylon (Polyamide) sheath (Min. average : 0.5mm)
Marking	Manufacturer cable type meter marking

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## A-02YSF2YB2Y4Y ...x2x0.6

(TDT 1097 REV 01)

### Mechanical properties

<b>Bending radius</b>	without load	$\geq 15 \times \text{Cable diameter mm}$
	with tension	$\geq 20 \times \text{Cable diameter mm}$
<b>Temperature range</b>	during operation	-5°C to + 70°C
	during installation	-5°C to + 60°C

### Electrical properties at 20°C $\pm$ 5°C

Conductor diameter	mm	0.6
Conductor resistance, max.	Ohm/km	69.7
Insulation resistance, min.	Mohm.km	10 000
Capacitance imbalance at 800 Hz, pair-to-pair	pF/500	$\leq 275$
Mutual capacitance at 800 Hz, max.	nF/km	50
Attenuation, max. 150 kHz	db/km	6.3
Characteristics Empedance, max.	ohm	130

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