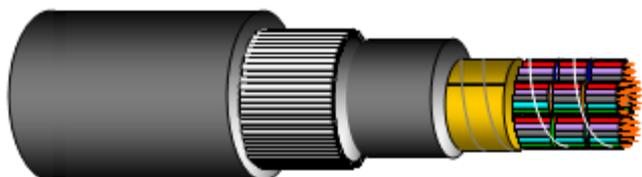


A-2YF2YB2Y ...x2x0.90 (TDT 1100 REV 02)

Cable design

Solid-polyethylene insulated, Filled core, PE sheathed, steel wire armoured, PE sheathed cable (Ref TR2158D).



Construction

Conductor	Copper, solid, 0.9
Insulation	Solid PE insulation
Filling	Filled core (water tightness will be guaranteed for only cable core)
Wrapping	Paper wrapping
Inner sheath	MDPE, black
Armour	Galvanised steel wire armour
Outer sheath	MDPE, black Grafit coating will be applied over the outer sheath

Colour scheme

According to TR 2158

Cable core design

Number of pairs	Number of units in layer		
	Layer 1	Layer 2	Layer 3
2	1 quad	-	-
10	3+7 pairs	-	-
20	1 (2) pairs	6 (7) pairs	13 (11) pairs
30	4 pairs	10 pairs	16 pairs

Sheath and armour properties

Pair number	Inner sheath thickness (Nom. mm)	SWA diameter (Nom. mm)	Outer sheath thickness (Nom. mm)
2x2x0.9	1.0	0.9	2.5
10x2x0.9	1.4	1.6	2.5
20x2x0.9	1.6	1.6	2.5
30x2x0.9	1.8	2.0	2.5

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A-2YF2YB2Y ...x2x0.90

(TDT 1100 REV 02)

Mechanical and Thermal properties

Admissible bending radius	:	≥ 15 x outer cable diameter
Temperature range	:	during Installation : - 5°C to + 50°C during storage : - 15°C to + 60°C

Electrical properties

Conductor resistance	:	Max. average 28 Ω/km , Maximum for % 99 29.1 Ω/km
Mutual capacitance	:	Maximum for 99 % of pairs : 53 nF/km , Maximum average : 50 nF/km
Insulation resistance	:	≥ 1500/L M Ω.km

Additional properties

Cable Type	Cable Size	Outer diameter	Cable weight	Standard supply length
A-2YF2YB2Y	2x2x0.9 mm	Approx. 15.8mm	Approx. 335 Kg/Km	1100 m
A-2YF2YB2Y	10x2x0.9 mm	Approx. 29 mm	Approx. 1225 Kg/Km	1100 m
A-2YF2YB2Y	20x2x0.9 mm	Approx. 33.9 mm	Approx. 1672 Kg/Km	1100 m
A-2YF2YB2Y	30x2x0.9 mm	Approx. 41 mm	Approx. 2483 Kg/Km	1100 m

Sheath printing

PRYSMIAN	1QUAD ARM	TR 2158	meter marking
PRYSMIAN	10PR ARM	TR 2158	meter marking