



## DESCAFIL T-90

Solid wires PVC 90°C (105°C) H05V2-U / H07V2-U

0,50 mm<sup>2</sup> - 2,50 mm<sup>2</sup>

For wiring in lighting installation and in an environment that demands a high temperature resistance, for wiring of appliances as well as solid wire in domestic and industrial installations, in conduit pipe either on or underneath plaster, for wiring in control panels, etc.

<b>Construction</b>	Solid bare copper conductors, acc. to IEC 60228, class 2 Insulation PVC, heat-resistant	
	<i>Note:</i> The solid wires from cross-section 1.50 mm <sup>2</sup> in the colours green, yellow and bi-coloured types, with the exception of the predictive conductor green-yellow, are manufactured according to H07V2-U. They are not harmonized <HAR>.	
<b>Technical Data</b>	Rated voltage U <sub>0</sub> /U	
	up to 1,00 mm <sup>2</sup>	300 / 500 V
	from 1,50 mm <sup>2</sup>	450 / 750 V
	Test voltage	
	up to 1,00 mm <sup>2</sup>	2000 V
	from 1,50 mm <sup>2</sup>	2500 V
	Temperature range	- 5°C ... + 90°C
		- 5°C ... + 105°C (reduced withstand)
	Minimum bending radius	6 x outer diameter
<b>Standards / Approvals</b>	CENELEC HD 21.7 from 0,50 mm <sup>2</sup> H07V2-U <HAR> from 1,50 mm <sup>2</sup> 507V2-U <HAR>	

## Technical Information

Cross section mm <sup>2</sup>	Outer-Ø ca. mm	Copper kg/km	Weight kg/km
0,50	2.10	4.80	9.00
0,75	2.30	7.20	11.00
1,00	2.50	9.60	14.00
1,50	2.90	14.40	20.00
2,50	3.50	24.00	32.00

0,50 mm <sup>2</sup>	black	light blue	green-yellow	brown	grey	dark blue	red
<b>PU</b>							
Spool 1000 m	151170	151174	151178	151182	151186	151190	151194
Barrel 2000 m	151172	151176	151180	151184	151188	151192	151196

0,50 mm <sup>2</sup>	white	green	orange	violet	yellow	rose
<b>PU</b>						
Spool 1000 m	151198	151202	151206	151210	151214	151218
Barrel 2000 m	151200	151204	151208	151212	151216	151220

0,75 mm <sup>2</sup>	black	light blue	green-yellow	brown	grey	dark blue	red
<b>PU</b>							
Spool 1000 m	151241	<b>151245</b>	<b>151249</b>	<b>151253</b>	<b>151257</b>	151261	<b>151265</b>
Barrel 2000 m	151242	151246	<b>151250</b>	151254	<b>151258</b>	151262	151266

0,75 mm <sup>2</sup>	white	green	orange	violet	yellow	rose
<b>PU</b>						
Spool 1000 m	<b>151269</b>	151273	151277	151281	151285	151289
Barrel 2000 m	151270	151274	151278	151282	151286	151290

1,00 mm <sup>2</sup>	black	light blue	green-yellow	brown	grey	dark blue	red
<b>PU</b>							
Spool 500 m	151310	151314	151318	151322	151326	151330	151334
Barrel 1500 m	151312	151316	151320	151324	151328	151332	151336

1,00 mm <sup>2</sup>	white	green	orange	violet	yellow	rose
<b>PU</b>						
Spool 500 m	151338	151342	151346	151350	151354	151358
Barrel 1500 m	151340	151344	151348	151352	151356	151360

1,50 mm <sup>2</sup>	black	light blue	green-yellow	brown	grey	dark blue	red
<b>PU</b>							
Spool 500 m	151380	151384	151388	151392	151396	151400	151404
Barrel 1000 m	151382	151386	151390	151394	151398	151402	151406

1,50 mm <sup>2</sup>	white	green	orange	violet	yellow	rose
<b>PU</b>						
Spool 500 m	151408	151412	151416	151420	151424	151428
Barrel 1000 m	151410	151414	151418	151422	151426	151430

2,50 mm <sup>2</sup>	black	light blue	green-yellow	brown	grey	dark blue	red
<b>PU</b>							
Spool 400 m	151450	151454	151458	151462	151466	151470	151474
Barrel 600 m	151452	151456	151460	151464	151468	151472	151476

2,50 mm <sup>2</sup>	white	green	orange	violet	yellow	rose
<b>PU</b>						
Spool 400 m	151478	151482	151486	151490	151494	151498
Barrel 600 m	151480	151484	151488	151492	151496	151500

### On request

In larger barrels 500 x 500 x 800 mm or on larger spools

### Stock availability

Item numbers marked in **bold** are generally available from stock, subject to prior sale.

Packaging	Dimension
Spool 1000 m	250 x 170 x center 90 mm
Spool 500 m	250 x 170 x center 90 mm
Spool 400 m	250 x 170 x center 90 mm
Barrel 2000 m	400 x 400 x 400 mm
Barrel 1500 m	400 x 400 x 400 mm
Barrel 1000 m	400 x 400 x 400 mm
Barrel 600 m	400 x 400 x 400 mm