



### Construction:

1. Stranded copper conductor.
2. Semi-conductive inner sheath.
3. XLPE insulation.
4. Semi-conductive outer sheath.
5. Semi-conductive tape.
6. Copper wire screen.
7. Filler.
8. Separation sheath.
9. Galvanized flat steel wire.
10. Galvanized steel tape.
11. PVC outer sheath.

### Technical data and tests:

Maximum operating temperature : + 90° C.  
 Maximum short circuit temperature: + 250° C max. 5 seconds.  
 Minimum installation temperature : - 5° C.  
 Standards : VDE 0276, TS IEC 60502-2.

### Applications:

This is a cable with low dielectric losses used in energy networks with sudden load changes where mechanical stresses are expected. It can be laid in residential or industrial areas, underground or in ducts.

## DIMENSIONS

Rated cross section mm <sup>2</sup>	Overall diameter of cable mm	Current carrying capacity		Operating inductance mH/km	Operating capacity μF/km	Conductor DC resistance at (20° C) ohm/km	Weight kg	Delivery length Mt
		Air A	Ground A					
3x 25/16	44,70	141	149	0,37	0,20	0,727	3450	1000
3x 35/16	47,30	171	176	0,35	0,22	0,524	4080	1000
3x 50/16	50,00	196	208	0,34	0,25	0,387	4700	1000
3x 70/16	54,00	249	255	0,32	0,28	0,268	5650	500
3x 95/16	58,30	307	307	0,30	0,32	0,193	6850	500
3x120/16	62,30	353	353	0,29	0,35	0,153	8000	500
3x150/25	65,10	406	396	0,28	0,38	0,124	9200	500
3x185/25	69,80	464	447	0,27	0,42	0,0991	10700	500
3x240/25	78,80	548	523	0,26	0,47	0,0754	13100	250
3x300/25	82,20	632	581	0,26	0,48	0,0601	15850	250
3x400/35	90,60	726	653	0,25	0,52	0,0470	19700	250