

PVC single cores According to CEI-20-22 II



Technical data

- PVC-Single Cores as per Italian standard CEI 20-22 II
- **Temperature range**
flexing -5°C to +80°C
fixed installation -30°C to +80°C
- **Nominal voltage**
U₀/U 450/750 V = 1 mm² and above
U₀/U 300/500 V = 0,5 and 0,75 mm²
U₀/U 300/300 V = 0,35 mm²
- **Test voltage** 2500 V
- **Minimum bending radius**
4-6x core Ø

Cable structure

- Bare fine wire stranded copper conductor to CEI 20-29 cl. 5
- PVC-core insulation R 2 up to CEI 20 II, cap. VI cl. 3

Properties

- Low smoke
- **Resistant to**
Oil
Solvents
Acids
Lyes
- PVC self-extinguishing and flame retardant according to VDE 0482-332-1-2, DIN EN 60332-1-2/ IEC 60332-1 (equivalent DIN VDE 0472 part 804 test method B)
- The materials used in manufacture are cadmium-free and contain no silicone and free from substances harmful to the wetting properties of lacquers

Note

- AWG sizes are approximate equivalent values. The actual cross-section is in mm².

Application

As hook up wire, control cabinet building, in cable assembly manufacturing as well as in electronic applications.

CE = The product is conformed with the EC Low-Voltage Directive 2006/95/EG.

Cross-sec. mm ²	Outer ø ca. mm	Cop. weight kg / km	Weight ca. kg / km	black	gn-ye	blue	brown	red	white	dk-bu	o.col.
ca. RAL				9005	-	5015	8003	3000	1013	5010	-
Part No. 0,35	1,5	2,5	3,6	29600	29601	29602	29603	29604	29605	29606	29607
Part No. 0,5	2,6	4,8	6,0	29608	29609	29610	29611	29612	29613	29614	29615
Part No. 0,75	2,8	7,2	10,0	29616	29617	29618	29619	29620	29621	29622	29623
Part No. 1	3,2	9,6	16,0	29624	29625	29626	29627	29628	29629	29630	29631
Part No. 1,5	3,5	14,4	21,0	29632	29633	29634	29635	29636	29637	29638	29639
Part No. 2,5	4,2	24,0	32,0	29640	29641	29642	29643	29644	29645	29646	29647
Part No. 4	4,6	38,0	48,0	29648	29649	29650	29651	29652	29653	29654	29655
Part No. 6	6,3	58,0	69,0	29656	29657	29658	29659	29660	29661	29662	29663
Part No. 10	7,6	96,0	117,0	29664	29665	29666	29667	29668	29669	29670	29671
Part No. 16	8,8	154,0	180,0	29672	29673	29674	29675	29676	29677	29678	29679
Part No. 25	11,0	240,0	266,0	29680	29681	29682	29683	29684	29685	29686	29687
Part No. 35	12,5	336,0	366,0	29688	29689	29690	29691	29692	29693	29694	29695
Part No. 50	14,5	480,0	515,0	29696	29697	29698	29699	29700	29701	29702	29703
Part No. 70	16,5	672,0	741,0	29704	29705	29706	29707	29708	29709	29710	29711
Part No. 95	18,5	912,0	950,0	29712	29713	29714	29715	29716	29717	29718	29719
Part No. 120	21,0	1152,0	1230,0	29720	29721	29722	29723	29724	29725	29726	29727
Part No. 150	23,0	1440,0	1500,0	29728	29729	29730	29731	29732	29733	29734	29735
				300 kcmil	300 kcmil	300 kcmil	300 kcmil	300 kcmil	300 kcmil	300 kcmil	300 kcmil

Dimensions and specifications may be changed without prior notice. (RN06)