

# TRAY CABLES



## D 331 PLTC Type PLTC UV resistant Power Limited Circuit Cable



Marking for D 331 PLTC 33311224:  
SAB BRÖCKSKES · D-VIERSEN · D 331 PLTC 12 AWG/24c (UL) Type PLTC 90°C 300V CE

### Construction:

<b>Conductor:</b>	bare copper strands with reference to IEC 60228 class 5 + UL standard 758 table 5.1 + UL 1581 table 20.1
<b>Insulation:</b>	special formulated PVC
<b>Color code:</b>	black cores with consecutive white numbers and a white ground wire
<b>Stranding:</b>	in layers
<b>Sheath material:</b>	special sunlight resistant PVC
<b>Sheath color:</b>	black (RAL 9005)

### Technical data:

<b>Voltage:</b>	300 V
<b>Testing voltage U:</b>	1500 V
<b>Min. bending radius</b>	
<i>fixed laying:</i>	5 x d
<i>flexible application:</i>	7,5 x d
<b>Temperature (UL):</b>	up to +90°C
<b>Burning characteristics:</b>	(UL) FT4
<b>Sunlight resistance:</b>	yes
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union see page N/17

### Outstanding features:

- )] Flexible cable for cable tray use
- )] (UL) listed
- )] EAC approval

item no.	no. of cores x cross section n x AWG	largest single wire ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈ kg/km
33312206	6 x 22	0,16	6,2	19,6	56
33312208	8 x 22	0,16	7,0	26,1	71
33312225	25 x 22	0,16	11,3	81,6	183
33312002	2 x 20	0,21	5,2	9,6	41
33312003	3 x 20	0,21	5,4	14,4	45
33312004	4 x 20	0,21	5,8	19,2	53
33312005	5 x 20	0,21	6,3	24,0	62
33312006	6 x 20	0,21	6,8	28,8	73
33312012	12 x 20	0,21	8,8	57,6	119
33312018	18 x 20	0,21	10,8	86,4	178
33311803	3 x 18	0,21	6,5	28,8	67
33311804	4 x 18	0,21	7,2	38,4	85
33311834	34 x 18	0,21	17,9	326,4	527
33311602	2 x 16	0,26	5,5	28,8	58

Other dimensions and colours are possible on request.