

TRAY CABLES



SABIX® D 331 PLTC Type PLTC halogen-free, UV resistant Power Limited Circuit Cable



Marking for SABIX® D 331 PLTC 83311224:

SAB BRÖCKSKES · D-VIERSEN · SABIX® D 331 PLTC 12 AWG/24c (UL) Type PLTC 75°C 300V CE

Construction:

Conductor:	bare copper strands with reference to IEC 60228 class 5 + UL standard 758 table 5.1 + UL 1581 table 20.1
Insulation:	SABIX®
Color code:	black cores with consecutive white numbers and a white ground wire
Stranding:	in layers
Sheath material:	SABIX®
Sheath color:	black (RAL 9005)

Outstanding features:

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

Technical data:

Voltage:	300 V
Testing voltage U:	1500 V
Min. bending radius	
<i>fixed laying:</i>	5 x d
<i>flexible application:</i>	7,5 x d
Temperature (UL):	up to +75°C
Halogen-free:	acc. to DIN VDE 0472 part 815 + IEC 60754-1
Burning characteristics:	(UL) FT4
Sunlight resistance:	yes
Absence of harmful substances:	acc. to RoHS directive of the European Union see page N/17

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
83312002	2 x 20	0,21	5,2	9,6	43
83312003	3 x 20	0,21	5,4	14,4	50
83312004	4 x 20	0,21	5,8	19,2	59
83312005	5 x 20	0,21	6,3	24,0	70
83312006	6 x 20	0,21	6,9	28,8	81
83312012	12 x 20	0,21	8,8	57,6	135
83312018	18 x 20	0,21	10,8	86,4	202

Other dimensions and colours are possible on request.