

TRAY CABLES



TR 249 Type TC and STOOW UV and oil resistant, flexible Tray Cable - flexible Cord



600V c(UL) Type CIC 90°C dry 600V FT1 FT2 FT4 CE

Marking for TR 249 08491637:

SAB BRÖCKSKES · D-VIERSEN · TR 249 16 AWG/37c 08491637 TFF (UL) Type TC-ER 60°C 600V, Oil Resistant I,

Sunlight Resistant, Direct Burial, FT4 (UL) STOOW 90°C 600V Oil Resistant I AWM Style 21179 600V c(UL) Type CIC 90°C dry 600V FT1 FT2 FT4 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:	special formulated PVC
Color code:	colour code US 2 see page N/13
Stranding:	in layers
Sheath material:	special sunlight and oil resistant PVC
Sheath color:	black (RAL 9005)

Outstanding features:

- Flexible cable for cable tray use
- NFPA 79 for industrial machinery
- (UL)/(cUL) listed
- EAC approval

Technical Data:

Voltage:	(UL) / c(UL): 600 V	
Testing voltage U:	3000 V	
Min. bending radius <i>fixed laying:</i>	< 12 mm = 3 x d	
	> 12 mm = 4 x d	
<i>flexible application:</i>	< 12 mm = 5 x d	
	> 12 mm = 6 x d	
Temperature:	UL-AWM:	c(UL):
	up to +105°C	up to +90°C
Burning characteristics:	(UL) FT4 + c(UL) FT1, FT2, FT4	
Oil resistance I:	yes	
Sunlight resistance:	yes	
Exposed Runs:	yes	
Direct Burial:	yes	
Machinery Area:	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
08491806	6 x 18	0,21	13,0	57,6	230
08491807	7 x 18	0,21	13,0	67,2	260
08491808	8 x 18	0,21	14,6	76,8	300
08491603	3 x 16	0,26	10,0	43,2	145
08491203	3 x 12	0,26	15,8	115,2	339
08491204	4 x 12	0,26	17,0	153,6	405

Other dimensions and colours are possible on request.