

# OLFLEX® TC 600/ 600S

For Exposed Run, no conduit is needed.



OLFLEX® TC 600 is a multiconductor UL Type TC-ER, 600V, 105°C and CSA TC approved cable. OLFLEX® TC 600S has a foil shield with drain wire. OLFLEX® TC 600 & 600S are designed with a pressure extruded jacket and approved for exposed run making it ideal for use in plant equipment installations. Exposed run eliminates the need for conduit,

making the installation much more cost effective. OLFLEX® TC 600 & 600S are also approved for use as a Bus Drop Cable (14 AWG & larger in 3c & 4c designs). OLFLEX® TC 600 & 600S have better flexibility, oil resistance and more approvals than traditional VNTC® cables.

## OLFLEX® TC 600 Construction:

Finely stranded bare copper conductors; specially blended PVC/nylon insulation; specially formulated PVC jacket.



## OLFLEX® TC 600S Construction:

Finely stranded bare copper conductors; specially blended PVC/nylon insulation; 100% shielding with foil tape; specially formulated PVC jacket.



Cable Attributes							
	OR-01		FR-03		FL-01		MP-03

For an explanation of the attributes, see page 655 of the Lapp full line catalog or the technical section of the website ([www.lappusa.com](http://www.lappusa.com)).

## Technical Data:

	Minimum bend radius for installation: for shielded:	6 x cable diameter 8 x cable diameter		Color code:	Conductors are black printed with white numbers and color name per color chart ICEA-NEMA (K-2) plus green/yellow ground
	Temperature Range:	-40°C to +105°C		Approvals:	UL Type TC-ER (Exposed Run) UL AWM, UL Wet Rating 75°C Class 1, Div. 2 per NEC Art. 336, 392, 501 UL Bus Drop- 14 AWG & Larger; 3c & 4c only c(UL) CIC/TC FT4 CSA-AWM I/II A/B FT4 NOM SCFI-1994
	Nominal voltage:	600V			
	Test voltage:	2000V			

Conforms to CE Low Voltage Directive

Please note that VNTC® is a trademark for General Cable Technologies Corporation.  
\*\* Meets UL Bus Drop Approval

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## OLFLEX® TC 600

Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft		kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft		kg/km
18 AWG (7 strand) 1.00 mm <sup>2</sup>							211406	6	.439	11.2	164	244	
211803	3	.287	7.3	55	82		211407	7	.439	11.2	164	244	
211804	4	.310	7.9	64	95		211409	9	.510	13.0	218	324	
211805	5	.335	8.5	75	112		211410	10	.585	14.9	242	360	
211807	7	.361	9.2	97	144		211412	12	.602	15.3	298	443	
211809	9	.416	10.6	109	162		211415	16	.665	16.9	373	555	
211810	10	.449	11.4	115	171		211419	19	.699	17.8	450	670	
211812	12	.462	11.7	166	247		211425	25	.807	20.5	569	847	
211815	15	.511	13.0	207	308		12 AWG (19 strand) 3.30 mm <sup>2</sup>						
211819	19	.569	14.5	263	391		211203**	3	.384	9.8	111	165	
211825	25	.648	16.6	312	464		211204**	4	.419	10.6	148	220	
16 AWG (7 strand) 1.32 mm <sup>2</sup>							211205	5	.456	11.6	181	269	
211603	3	.311	7.9	67	100		211206	6	.496	12.6	250	372	
211604	4	.337	8.6	80	119		211207	7	.496	12.6	324	482	
211605	5	.364	9.3	95	141		211209	9	.610	15.5	360	536	
211606	6	.394	10.0	123	183		211212	12	.681	17.3	432	643	
211607	7	.394	10.0	123	183		211215	16	.754	19.2	540	804	
211609	9	.455	11.6	166	247		211219	19	.794	20.2	684	1018	
211610	10	.493	12.5	184	273		211220	20	.835	21.2	720	1071	
211612	12	.508	12.9	213	317		211225	25	.960	24.4	900	1339	
211615	16	.594	15.1	246	366		10 AWG (19 strand) 5.32 mm <sup>2</sup>						
211619	19	.624	15.9	286	426		211003**	3	.466	11.9	193	287	
211620	20	.655	16.6	301	448		211004**	4	.511	13.0	257	382	
211625	25	.718	18.2	312	464		211005	5	.591	15.0	307	457	
14 AWG (19 strand) 2.08 mm <sup>2</sup>							211007	7	.642	16.3	430	640	
211403**	3	.343	8.7	84	125		211009	9	.748	19.0	549	817	
211404**	4	.373	9.5	104	155		211012	12	.839	21.3	737	1097	
211405	5	.405	10.3	124	185		211019	19	1.024	26.0	1178	1753	

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Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft		kg/km	Part Number	Number of Conductors includes ground	Nominal Outer Diameter inches	mm	Approx. Weight lbs/mft		kg/km
18 AWG (7 strand) 1.00 mm <sup>2</sup>							211406S	6	.442	11.2	169	251	
211803S	3	.290	7.3	57	84		211407S	7	.442	11.2	169	251	
211804S	4	.313	7.9	66	98		211409S	9	.513	13.0	225	334	
211805S	5	.338	8.5	77	115		211410S	10	.588	14.9	249	371	
211807S	7	.364	9.2	100	148		211412S	12	.605	15.3	307	456	
211809S	9	.419	10.6	112	167		211415S	16	.668	16.9	384	572	
211810S	10	.452	11.4	118	176		211419S	19	.702	17.8	464	690	
211812S	12	.465	11.7	171	254		211425S	25	.810	20.5	586	872	
211815S	15	.514	13.0	213	317		12 AWG (19 strand) 3.30 mm <sup>2</sup>						
211819S	19	.572	14.5	271	403		211203S**	3	.387	9.8	114	170	
211825S	25	.651	16.6	321	478		211204S**	4	.422	10.6	152	227	
16 AWG (7 strand) 1.32 mm <sup>2</sup>							211205S	5	.459	11.6	186	277	
211603S	3	.314	7.9	69	103		211206S	6	.499	12.6	258	383	
211604S	4	.340	8.6	82	123		211207S	7	.499	12.6	334	496	
211605S	5	.367	9.3	98	145		211209S	9	.613	15.5	371	552	
211606S	6	.397	10.0	127	188		211212S	12	.684	17.3	445	662	
211607S	7	.397	10.0	127	188		211215S	16	.757	19.2	556	828	
211609S	9	.458	11.6	171	254		211219S	19	.797	20.2	705	1049	
211610S	10	.497	12.5	190	281		211220S	20	.838	21.2	742	1103	
211612S	12	.511	12.9	219	327		211225S	25	.963	24.4	927	1379	
211615S	16	.597	15.1	253	377		10 AWG (19 strand) 5.32 mm <sup>2</sup>						
211619S	19	.627	15.9	295	439		211003S**	3	.469	11.9	199	296	
211620S	20	.658	16.6	310	461		211004S**	4	.514	13.0	265	393	
211625S	25	.721	18.2	321	478		211005S	5	.594	15.0	316	471	
14 AWG (19 strand) 2.08 mm <sup>2</sup>							211007S	7	.645	16.3	443	659	
211403S**	3	.346	8.7	87	129		211009S	9	.751	19.0	565	842	
211404S**	4	.376	9.5	107	160		211012S	12	.842	21.3	759	1130	
211405S	5	.408	10.3	128	191		211019S	19	1.027	26.0	1213	1806	

\*\* Approved for Bus Drop Applications