



### CONTACT

Market information  
industryprojects.business@lynxéo  
ogroup.com

UL-listed tray cables (TC-ER) cables for fixed installation outside and inside cable tray and wind turbines, PVC jacket, shielded, oil resistant, flame retardant, TC-ER and MTW approved, UL Listed. suitable for American and Canadian market

### STANDARDS

**Product** UL 1277; UL 2277; UL and CSA approval

Cables designed for static application, .

#### Applications:

- cable tray in factories in industry
- Industrial sector
- wind turbine application

#### Approvals:

UL MTW UL1063

UL TC-ER 90°C 600V UL1277

UL WTTC 90°C 1000V UL2277

UL DP-1

UL AWM 600V

C(UL) CIC/TC

### CHARACTERISTICS

#### Construction characteristics

Conductor material	Annealed copper
Insulation colour	Black w. number + yellow/green
Drain wire	Tinned copper
Shielding	≥85% tinned copper braid coverage
Outer sheath	Special PVC compound
Sheath colour	Black

#### Electrical characteristics

Rated Voltage U <sub>0</sub> /U	600 V
Test voltage	2000 V

#### Usage characteristics

Field of application	Fixed installations
----------------------	---------------------



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes

## Usage characteristics

Operating temperature, range	-5 ... 90 °C
Minimum bending radius, static (XD)	20
Flame retardant	UL 1581 SEC. 1160 AND CSA FT4
Oil resistance	Yes

## PRODUCTLIST

Reference	Name	Cross section [mm <sup>2</sup> ]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10553856	TRAY CABLE C 2 x 1.00 mm <sup>2</sup>	1	2	(2x1)C	7.6	87
10553859	TRAY CABLE C 3 x 1.00 mm <sup>2</sup>	1	3	(3G1)C	8.1	110
10553862	TRAY CABLE C 4 x 1.00 mm <sup>2</sup>	1	4	(4G1)C	8.6	119
10553865	TRAY CABLE C 5 x 1.00 mm <sup>2</sup>	1	5	(5G1)C	9.3	152
10553680	TRAY CABLE C 7 x 1.00 mm <sup>2</sup>	1	7	(7G1)C	10.1	186
10553683	TRAY CABLE C 12 x 1.00 mm <sup>2</sup>	1	12	(12G1)C	12.9	292
10553691	TRAY CABLE C 2 x 1.50 mm <sup>2</sup>	1.5	2	(2x1,5)C	8.2	110
10553698	TRAY CABLE C 3 x 1.50 mm <sup>2</sup>	1.5	3	(3G1,5)C	8.6	118
10553702	TRAY CABLE C 4 x 1.50 mm <sup>2</sup>	1.5	4	(4G1,5)C	9.3	155
10553707	TRAY CABLE C 5 x 1.50 mm <sup>2</sup>	1.5	5	(5G1,5)C	10.1	183
10553663	TRAY CABLE C 7 x 1.50 mm <sup>2</sup>	1.5	7	(7G1,5)C	10.9	226
10553659	TRAY CABLE C 12 x 1.50 mm <sup>2</sup>	1.5	12	(12G1,5)C	14.8	384
10553657	TRAY CABLE C 18 x 1.50 mm <sup>2</sup>	1.5	18	(18G1,5)C	17.2	557
10553650	TRAY CABLE C 25 x 1.50 mm <sup>2</sup>	1.5	25	(25G1,5)C	20.2	727
10553664	TRAY CABLE C 3 x 2.50 mm <sup>2</sup>	2.5	3	(3G2,5)C	9.6	169
10553668	TRAY CABLE C 4 x 2.50 mm <sup>2</sup>	2.5	4	(4G2,5)C	10.5	214



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes

Reference	Name	Cross section [mm <sup>2</sup> ]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10553674	TRAY CABLE C 5 x 2.50 mm <sup>2</sup>	2.5	5	(5G2,5)C	11.2	246
10553678	TRAY CABLE C 7 x 2.50 mm <sup>2</sup>	2.5	7	(7G2,5)C	12.4	313
10556366	TRAY CABLE C 12 x 2.50 mm <sup>2</sup>	2.5	12	(12G2,5)C	16.6	531
	TRAY CABLE C 18 x 2.50 mm <sup>2</sup>	2.5	18	(18G2,5)C	19.4	725
	TRAY CABLE C 25 x 2.50 mm <sup>2</sup>	2.5	25	(25G2,5)C	23.8	1062
	TRAY CABLE C 3 x 4.00 mm <sup>2</sup>	4	3	(3G4)C	11	231
10553752	TRAY CABLE C 4 x 4.00 mm <sup>2</sup>	4	4	(4G4)C	11.6	279
	TRAY CABLE C 5 x 4.00 mm <sup>2</sup>	4	5	(5G4)C	13	340
	TRAY CABLE C 7 x 4.00 mm <sup>2</sup>	4	7	(7G4)C	14.8	468
	TRAY CABLE C 3 x 6.00 mm <sup>2</sup>	6	3	(3G6)C	13.1	345
10553760	TRAY CABLE C 4 x 6.00 mm <sup>2</sup>	6	4	(4G6)C	14.9	443
	TRAY CABLE C 5 x 6.00 mm <sup>2</sup>	6	5	(5G6)C	16.4	547
	TRAY CABLE C 7 x 6.00 mm <sup>2</sup>	6	7	(7G6)C	17.7	677
	TRAY CABLE C 3 x 10 mm <sup>2</sup>	10	3	(3G10)C	18.2	531
10553739	TRAY CABLE C 4 x 10 mm <sup>2</sup>	10	4	(4G10)C	21.2	816
	TRAY CABLE C 5 x 10 mm <sup>2</sup>	10	5	(5G10)C	23.3	1005
	TRAY CABLE C 3 x 16 mm <sup>2</sup>	16	3	(3G16)C	21.2	882
10554056	TRAY CABLE C 4 x 16 mm <sup>2</sup>	16	4	(4G16)C	23.4	1107
10554061	TRAY CABLE C 4 x 25 mm <sup>2</sup>	25	4	(4G25)C	28.3	1636
10554062	TRAY CABLE C 4 x 35 mm <sup>2</sup>	35	4	(4G35)C	32.6	2217



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes

Reference	Name	Cross section [mm <sup>2</sup> ]	Nb. of cores	Construction type	Outer Diameter [mm]	Approx. weight [kg/km]
10554063	TRAY CABLE C 4 x 50 mm <sup>2</sup>	50	4	(4G50)C	37.4	2907
10554064	TRAY CABLE C 4 x 70 mmq	70	4	(4G70)C	43.8	3835



Operating temp.  
-5 ... 90 °C



Flame retardant  
UL 1581 SEC. 1160 AND CSA FT4



Oil resistance  
Yes