



SERIES 602
UL/CSA Tray cable XLPE/PVC
CU/XLPE/PVC



Info

RE4OR 600 V
UL 1277 tray cable (Type TC),
UL44, Type TC-ER 90°C, 600 V cable
c(UL)type CIC/TC - 40°C out-
door FT4, CSA 22.2 No 38, CSA
22.22 No 239, CSA 22.2 No 230

Benefits

- Sunlight resistant
- Fire behaviour
- Oil resistant
- UL/CSA

Product features

Stranded bare copper conductors; XLPE insulation; uninsulated grounding conductor, specially blended black PVC jacket

Norm references / Approvals

- **Hydrocarbon & Oil resistance**
OR-01
- **Motion Type**
FL-01
- **Mechanical Properties**
MP-03
- **Fire behaviour**
FR-03

Design

- **Conductor:** Stranded Annealed Copper
- **Core insulation:** XLPE
- **Bonding conductor:** uninsulated bonded conductor included in every cable in accordance to Table 16 of the Canadian Electrical Code
- **Outer sheath:** PVC, black

Technical data

- Core identification code:**
2 Black & White
3 Black, Red, White
4 Black, Red, Blue, White
5 and above Black with numbers
- Conductor stranding:**
Class B
- Nominal Voltage U₀/U:**
600 V
- Temperature range:**
during operation: -40° to +90°C
- Minimum Bending Radius:**
8 x Outer Diameter

Number of cores and AWG per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
SERIES 602			
16 x 16 AWG	18,3	215,8	454,0
24 x 16 AWG	22,9	318,5	688,0
30 x 16 AWG	24,3	382,5	821,0
40 x 16 AWG	27,2	506,0	1.045,0
2 x 14 AWG	9,2	59,5	119,0
3 x 14 AWG	10	80,4	152,0
4 x 14 AWG	10,8	99,7	185,0
5 x 14 AWG	11,8	120,5	219,0
6 x 14 AWG	12,9	139,9	255,0
7 x 14 AWG	13,3	159,2	292,0
8 x 14 AWG	15	180,1	343,0
10 x 14 AWG	17,2	220,2	417,0
12 x 14 AWG	17,7	258,9	470,0
14 x 14 AWG	18,7	299,1	540,0
15 x 14 AWG	19,5	320,0	540,0
20 x 14 AWG	22,2	419,7	782,0

Number of cores and AWG per conductor	Approx Outer Diameter (mm)	Copper index (kg/km)	Approx Weight (kg/km)
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25 x 14 AWG	25,1	519,4	941,0
30 x 14 AWG	26,4	559,5	1.057,0
40 x 14 AWG	29,6	741,1	1.353,0
50 x 14 AWG	33,1	921,2	1.656,0
2 x 12 AWG	9,8	83,3	149,0
3 x 12 AWG	10,7	114,6	195,0
4 x 12 AWG	11,7	147,3	241,0
5 x 12 AWG	12,7	178,6	289,0
6 x 12 AWG	14,3	209,8	367,0
10 x 12 AWG	18,8	336,3	561,0
12 x 12 AWG	19,1	400,3	635,0
15 x 12 AWG	21,9	495,6	837,0
20 x 12 AWG	24,3	653,3	1.065,0
25 x 12 AWG	28	754,5	1.268,0
30 x 12 AWG	29,6	903,3	1.488

Unless specified otherwise, the shown product values are nominal values. Detailed values (e.g. tolerances) are available upon request. Photographs are not to scale and do not represent detailed images of the respective products

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