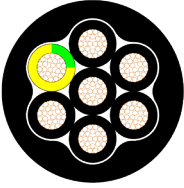


TRAY CABLE MULTICORE TC-ER/TC-ER SERVO-TFFN/THHN

TRAY CABLES MULTICORE UL LISTED



CABLE SPECIFICATIONS

**Conductor**

Bare Copper Conductor (IEC 60228 Class 5)

**Insulation**

PVC + Nylon Insulation, Type THHN UL83 Table 10 and 11 Section \geq AWG14 or Type TFFN UL 66 Table 4.7 AWG18 \div AWG16 Colour Black Numbered + Yellow/ Green

**Pairs only type SERVO (if required)**

2 cores twisted (Colour Pairs : Black Numbered 5+6 and 7+8) + Plastic Tape
Shield Tinned Copper Braid - Coverage \geq 85%
Plastic Tape wrapped

**Overall Shield (if required)**

Shield Tinned Copper Braid - Coverage \geq 85%

**Outer jacket colour**

PVC Sheath, UL 1277 T - Chapter 12.1
Black RAL 9005, other colours available upon request

TECHNICAL DATA

**Electrical Resistance at 20°C**

IEC 60228 Class 5

**Insulation Resistance at 20°C**

\geq 20 M Ω xkm

**Operating Voltage**

600V

**Test Voltage**

3 kVa.c.

**Temperature Range**

-25°C \div +90°C (Fixed Use)

**Bending Radius**

5 x \emptyset (Fixed Use)

REFERENCE STANDARDS

**Flame Retardant**

IEC 60332-1 - UL 1277 and VW-1 - CSA FT1 and FT4

**Hydrocarbons and Oil Resistance**

UL 1581 - VDE 0472 part 803 A/B - HD 22.10 S1 - CNOMO E.03.40.150N

**Standard Reference**

UL Type TC-ER 90°C 600V and CSA Type CIC 90°C 600V UL Type MTW UL Recognized

TRAY CABLE MULTICORE TC-ER/TC-ER SERVO-TFFN/THHN

MAIN FEATURES

TRAY CABLES MULTICORE UNSHIELDED

TECNIKABEL CODE	DESCRIPTION	Ø NOMINAL (mm)	COPPER WEIGHT (Kg/Km)	CABLE WEIGHT (Kg/Km)
338FTC02N	FR(2 x AWG18)R	7.3	17	79
338FTC03N	FR(3 G AWG18)R	7.6	25	91
338FTC04N	FR(4 G AWG18)R	8.3	33	108
338FTC05N	FR(5 G AWG18)R	9	42	130
338FTC07N	FR(7 G AWG18)R	9.7	58	156
338FTC09N	FR(9 G AWG18)R	11.5	75	199
338FTC12N	FR(12 G AWG18)R	12.4	100	240
338FTC18N	FR(18 G AWG18)R	15.2	149	370
338FTC25N	FR(25 G AWG18)R	18	208	497
338FTC34N	FR(34 G AWG18)R	22	226	651
338FTC41N	FR(41 G AWG18)R	23.2	340	854
343FTC03N	FR(3 G AWG16)R	8.4	39	117
343FTC04N	FR(4 G AWG16)R	9.2	52	140
343FTC05N	FR(5 G AWG16)R	10	65	166
343FTC07N	FR(7 G AWG16)R	10.7	91	207
343FTC12N	FR(12 G AWG16)R	14.7	156	352
343FTC18N	FR(18 G AWG16)R	16.9	233	495
343FTC25N	FR(25 G AWG16)R	20.1	324	664
343FTC41N	FR(41 G AWG16)R	26	532	1103
350FTC03N	FR(3 G AWG14)R	9.3	62	154
350FTC04N	FR(4 G AWG14)R	10.2	83	188
350FTC05N	FR(5 G AWG14)R	11	103	226
350FTC07N	FR(7 G AWG14)R	11.9	145	281
350FTC12N	FR(12 G AWG14)R	16.4	248	481
350FTC18N	FR(18 G AWG14)R	19.2	372	695
350FTC25N	FR(25 G AWG14)R	23.5	516	984
363FTC03N	FR(3 G AWG12)R	10.4	98	207
363FTC04N	FR(4 G AWG12)R	11.3	131	253
363FTC05N	FR(5 G AWG12)R	12.4	163	312
363FTC07N	FR(7 G AWG12)R	14.2	229	419
369FTC04N	FR(4 G AWG10)R	14.5	204	402
369FTC05N	FR(5 G xAWG10)R	15.8	255	491
369FTC12N	FR(12 G AWG10)R	23.6	611	1050
378FTC04N	FR(4 G AWG8)R	18.1	334	651
378FTC05N	FR(5 G xAWG8)R	19.8	418	801
383FTC04N	FR(4 G AWG6)R	22.8	589	1066
388FTC04N	FR(4 G AWG4)R	28.2	964	1661
392FTC04N	FR(4 G AWG2)R	30.8	1343	2164
396FTC04N	FR(4 G AWG1/0)R	36.8	1756	3002
397FTC04N	FR(4 G AWG2/0)R	51.8	2846	5327

TRAY CABLE MULTICORE TC-ER/TC-ER SERVO-TFFN/THHN

MAIN FEATURES

TRAY CABLES MULTICORE SHIELDED

TECNIKABEL CODE	DESCRIPTION	Ø NOMINAL (mm)	COPPER WEIGHT (Kg/Km)	CABLE WEIGHT (Kg/Km)
538FCT03N	FR(3 G AWG18)ST/R	8	41	103
538FCT04N	FR(4 G AWG18)ST/R	8.7	51	124
538FCT05N	FR(5 G AWG18)ST/R	9.4	62	149
538FCT07N	FR(7 G AWG18)ST/R	10.2	79	178
538FCT12N	FR(12 G AWG18)ST/R	13	144	284
538FCT18N	FR(18 G AWG18)ST/R	15.8	203	426
538FCT25N	FR(25 G AWG18)ST/R	18.6	273	566
543FTC03N	FR(3 G AWG16)ST/R	8.8	57	129
543FTC04N	FR(4 G AWG16)ST/R	9.6	72	155
543FTC05N	FR(5 G AWG16)ST/R	10.4	87	184
543FTC07N	FR(7 G AWG16)ST/R	11.2	115	228
543FTC12N	FR(12 G AWG16)ST/R	15.3	210	406
543FTC18N	FR(18 G AWG16)ST/R	17.5	295	556
543FTC25N	FR(25 G AWG16)ST/R	20.9	429	771
550FTC03N	FR(3 G AWG14)ST/R	9.7	83	164
550FTC04N	FR(4 G AWG14)ST/R	10.6	106	203
550FTC05N	FR(5 G AWG14)ST/R	11.6	142	258
550FTC07N	FR(7 G AWG14)ST/R	12.5	186	315
550FTC18N	FR(18 G AWG14)ST/R	20	465	822
550FTC25N	FR(25 G AWG14)ST/R	24.5	630	1112
563FTC03N	FR(3 G AWG12)ST/R	11	132	227
563FTC04N	FR(4 G AWG12)ST/R	11.9	171	281
563FTC07N	FR(7 G AWG12)ST/R	14.8	278	459
569FTC04N	FR(4 G AWG10)ST/R	15.1	257	433
578FTC04N	FR(4 G AWG8)ST/R	18.7	400	669
583FTC04N	FR(4 G AWG6)ST/R	23.6	699	1166
588FTC04N	FR(4 G AWG4)ST/R	29.2	1140	1814
592FTC04N	FR(4 G AWG2)ST/R	31.8	1545	2323

TRAY CABLE MULTICORE TC-ER/TC-ER SERVO-TFFN/THHN

MAIN FEATURES

TRAY CABLES MULTICORE SERVO

TECNIKABEL CODE	DESCRIPTION	Ø NOMINAL (mm)	COPPER WEIGHT (Kg/Km)	CABLE WEIGHT (Kg/Km)
538FTCS01N	FR[4GAWG18 + (2xAWG18)ST]ST/R	11.6	88	198
543FTCS01N	FR[4GAWG16 + (2xAWG18)ST]ST/R	12.4	125	251
550FTCS01N	FR[4GAWG14 + (2xAWG18)ST]ST/R	13.2	160	299
563FTCS01N	FR[4GAWG12 + (2xAWG16)ST]ST/R	15.3	227	414
569FTCS01N	FR[4GAWG10 + (2xAWG16)ST]ST/R	17.3	307	533
578FTCS01N	FR[4GAWG8 + (2xAWG16)ST]ST/R	20.8	480	816
583FTCS01N	FR[4GAWG6 + (2xAWG16)ST]ST/R	25.5	758	1242
588FTCS01N	FR[4GAWG4 + (2xAWG16)ST]ST/R	31	1195	1875
592FTCS01N	FR[4GAWG2 + (2xAWG16)ST]ST/R	35	1596	2455
543FTCS02N	FR[4GAWG16 + 2x(2xAWG18)ST]ST/R	15	166	347
550FTCS02N	FR[4GAWG14 + 2x(2xAWG18)ST]ST/R	15.7	200	393
563FTCS02N	FR[4GAWG12 + (2xAWG18)ST + (2xAWG16)ST]ST/R	17	266	486
569FTCS02N	FR[4GAWG10 + (2xAWG18)ST + (2xAWG16)ST]ST/R	19.4	377	647
578FTCS02N	FR[4GAWG8 + (2xAWG18)ST + (2xAWG16)ST]ST/R	23.4	515	974
583FTCS02N	FR[4GAWG6 + 2x(2xAWG16)ST]ST/R	27.5	840	1385