



FREP TC Multi-Pair SP/OS 18 AWG – 16 AWG

FR-EP (EPR or XLP/CPE) instrumentation tray cables (type TC) are used in power and control applications in the industrial and commercial markets where additional flame retardance is required. FR-EP tray cable can be direct buried or installed in cable trays. This versatile item can also be installed both indoors and outdoors. Shielding provides additional protection from electrostatic noise and cross talk.

Voltage: 600 Volt

Conductor: Stranded tinned copper

Insulation: EPR or XLP

Shield: Individually shielded pairs Overall shield

Jacket: Chlorinated Polyethylene (CPE)

Flame Test: IEEE 1202/FT4 70,000 BTU/hour flame test

Color Code: Method 9: Black and white pairs with printed numbers

DWC Part #	AWG Size	Pair or Triad	Insulation Thickness In Mils	Jacket Thickness In Mils	O.D. Inch	Weight Lbs/M
1802SPOSFREPTC	18	2 Pairs	25	45	0.48	90
1804SPOSFREPTC	18	4 Pairs	25	60	0.59	165
1808SPOSFREPTC	18	8 Pairs	25	60	0.75	280
1812SPOSFREPTC	18	12 Pairs	25	80	0.93	430
1816SPOSFREPTC	18	16 Pairs	25	80	1.05	540
1824SPOSFREPTC	18	24 Pairs	25	80	1.24	760
1604STOSFREPTC	16	4 Triads	25	60	0.72	260
1608STOSFREPTC	16	8 Triads	25	60	0.96	500
1612STOSFREPTC	16	12 Triads	25	80	1.14	705
1601POSFREPTC	16	1 Pair	25	60	0.25	60
1602SPOSFREPTC	16	2 Pairs	25	60	0.57	130
1604SPOSFREPTC	16	4 Pairs	25	60	0.66	200
1606SPOSFREPTC	16	6 Pairs	25	60	0.74	270
1608SPOSFREPTC	16	8 Pairs	25	60	0.88	380
1612SPOSFREPTC	16	12 Pairs	25	80	1.04	530
1616SPOSFREPTC	16	16 Pairs	25	80	1.17	570
1624SPOSFREPTC	16	24 Pairs	25	80	1.4	960

Product details and specifications are subject to manufacturing variations and accepted industry tolerances. Please contact your DWC Account Manager with questions, or to confirm any specific product requirements.

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